ATTACHMENT C
Wheeling Corrugating Emission Inventory
2001-2003

WPSC, Beech Bottom, WV Facility Actual Air Emissions for 2001

Secular, in				
1,2,4-Trimethylbenzene	65.7	246	4.1	15.5
Carbon Dioxide	1932	7226	1932	7226
Carbon Monoxide	1.4	5.1	1.4	5.1
Chromium compounds	48.3	180	16.2	60.5
Cumene K	2.3	8.7	0.14	0.54
Ethylbenzene 🔀	22	82.1	1.4	5.2
Formaldehyde	0.48	1.8	0.031	0.11
Glycol ethers	90.1	337	7.7	28.7
Lead	1e-005	2e-005	1e-005	2e-005
Manganese compounds	0.13	0.48	0.043	0.16
Methane	0.037	0.14	0.037	0.14
Naphthalene κ	16.8	62.7	1	3.8
Nitrogen dioxide (NO2)	1.6	6	1.6	6
Nitrous Oxide (N2O)	0.035	0.13	0.035	0.13
Particulate Matter (PM), Total	3	11.2	3	11.2
Particulate Matter < 10 Microns (PM10),	2.4	8.8	2.4	8.8
Phosphoric acid	0.079	0.3	0.027	0.1
Sulfur dioxide	0.0097	0.036	0.0097	0.036
Toluene	0.0082	0.031	0.00052	0.0019
Volatile Organic Compounds (VOC)	529	1980	32.7	122
Xylene, mixed isomers	35.2	132	2.2	8.4
Zinc compounds	14.9	55.5	5	18.7

WPSC, Beech Bottom, WV Process Groups Actual Air Emissions for 2001

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BOILERS	Carbon Dioxide	1324	4951	1324	4951
BOILERS	Carbon Monoxide	0.93	3.5	0.93	3.5
BOILERS	Lead	1e-005	2e-005	1e-005	2e-005
BOILERS	Methane	0.025	0.095	0.025	0.095
BOILERS	Nitrogen dioxide (NO2)	1.1	4.1	1.1	4.1
BOILERS	Nitrous Oxide (N2O)	0.024	0.091	0.024	0.091
BOILERS	Particulate Matter (PM), Total	0.021	0.078	0.021	0.078
BOILERS	Particulate Matter < 10 Microns (PM10),	0.021	0.078	0.021	0.078
BOILERS	Sûlfûr dioxide	0.0066	0.025	0.0066	0.025
BOILERS	Volatile Organic Compounds (VOC)	0.061	0.23	0.061	0.23
BUILDING	Carbon Dioxide	44	165	44	165
ROURING	Carbon Monoxide	0.031	0.12	0.031	0.12
BOILDING	Lead	0	0	0	0
ROUPING .	Methane	0.00084	0.0032	0.00084	0.0032
ROURING	Nitrogen dioxide (NO2)	0.037	0.14	0.037	0.14
ROURING	Nitrous Oxide (N2O)	0.00081	0.003	0.00081	0.003
BUILDING	Particulate Matter (PM), Total	0.0007	0.0026	0.0007	0.0026
BOURNG	Particulate Matter < 10 Microns (PM10),	0.0007	0.0026	0.0007	0.0026
BOILDING BOILDING	Sulfur dioxide	0.00022	0.00082	0.00022	0.00082
BUILDING	Volatile Organic Compounds (VOC)	0.002	0.0075	0.002	0.0075
COATING LINE	1,2,4-Trimethylbenzene	65.7	246	4.1	15.5
COATING LINE	Carbon Dioxide	564	2110	564	2110
COATING LINE	Carbon Monoxide	0.4	1.5	0.4	1.5
COATING LINE	Chromium compounds	48.3	180	16.2	60.5
COATING LINE	Cumene	2.3	8.7	0.14	0.54
COATING LINE	Ethylbenzene	22	82.1	1.4	5.2
COATING LINE	Formaldehyde	0.48	1.8	0.031	0.11
COATING LINE	Glycol ethers	90.1	337	7.7	28.7
COATING LINE	Lead	0	0	0 .	0
COATING LINE	Manganese compounds	0.13	0.48	0.043	0.16
COATING LINE	Methane	0.011	0.04	0.011	0.04

WPSC, Beech Bottom, WV Process Groups Actual Air Emissions for 2001

COATING LINE	Naphthalene	16.8	62.7	1	3.8
COATING LINE	Nitrogen dioxide (NO2)	0.47	1.8	0.47	1.8
COATING LINE	Nitrous Oxide (N2O)	0.01	0.039	0.01	0.039
COATING LINE	Particulate Matter (PM), Total	0.0011	0.0039	0.0011	0.0039
COATING LINE	Particulate Matter < 10 Microns (PM10),	0.0011	0.0039	0.0011	0.0039
COATING LINE	Phosphoric acid	0.079	0.3	0.027	0.1
COATING LINE	Sulfur dioxide	0.0028	0.011	0.0028	0.011
COATING LINE	Toluene	0.0082	0.031	0.00052	0.0019
COATING LINE	Volatile Organic Compounds (VOC)	529	1979	32.5	121
COATING LINE	Xylene, mixed isomers	35.2	132	2.2	8.4
COATING LINE	Zinc compounds	14.9	55.5	5	18.7
PLANT ROADS	Particulate Matter (PM), Total	3	11.1	3	11.1
PLANT ROADS	Particulate Matter < 10 Microns (PM10),	2.3	8.7	2.3	8.7
STORAGE TANKS	Volatile Organic Compounds (VOC)	0.13	0.53	0.13	0.53

001/1	PRIMER COATING - COATING	1,2,4-Trimethylbenzene	1.1	4.2	0.089	0.33
001/1	PRIMER COATING - COATING	Chromium compounds	12.8	47.9	1	3.8
001/1	PRIMER COATING - COATING	Cumene	0.08	0.3	0.0064	0.024
01/1		Ethylbenzene	0.00032	0.0012	3e-005	0.0001
01/1	PRIMER COATING - COATING	Glycol ethers	10.7	39.8	0.85	3.2
01/1	PRIMER COATING - COATING	Naphthalene	0.95	3.6	0.076	0.29
01/1	PRIMER COATING - COATING	Volatile Organic Compounds (VOC)	28.9	108	2.3	8.6
01/1	PRIMER COATING - COATING	Xylene, mixed isomers	0.24	0.89	0.019	0.071
01/2	FINISH COATING APPLICATION	1,2,4-Trimethylbenzene	20.8	77.8	1.7	6.2
01/2	FINISH COATING - COATING APPLICATION		3.3	12.3	0.26	0.98
01/2	FINISH COATING - COATING APPLICATION	Cumene	0.7	2.6	0.056	0.21
01/2	FINISH COATING - COATING APPLICATION	Ethylbenzene	7.3	27.4	0.59	2.2
01/2	FINISH COATING - COATING APPLICATION	Formaldehyde	0.16	0.6	0.013	0.048
01/2	FINISH COATING - COATING APPLICATION	Glycol ethers	19.4	72.5	1.6	5.8
01/2	FINISH COATING - COATING APPLICATION	Manganese compounds	0.043	0.16	0.0034	0.013
01/2	FINISH COATING - COATING APPLICATION	Naphthalene	4.6	17:3	0.37	1.4
01/2	FINISH COATING - COATING APPLICATION	Phosphoric acid	0.026	0.099	0.0021	0.0079
01/2	FINISH COATING - COATING APPLICATION	Toluene	0.0027	0.01	0.00022	0.00082
01/2	FINISH COATING - COATING APPLICATION	Volatile Organic Compounds (VOC)	147	552	11.8	44.1
01/2	FINISH COATING - COATING APPLICATION		11.5	43	0.92	3.4
01/2	FINISH COATING - COATING APPLICATION	Zinc compounds	5	18.5	0.4	1.5
02/1	DRYING OVEN - NAT GAS	Carbon Dioxide	66.4	248	66.4	248
02/1	DRYING OVEN - NAT GAS	Carbon Monoxide	0.046	0.17	0.046	0.17
02/1	DRYING OVEN - NAT GAS	Lead	0	0	0	0
02/1	DRYING OVEN - NAT GAS	Methane	0.0013	0.0048	0.0013	0.0048
02/1	DRYING OVEN - NAT GAS	Nitrogen dioxide (NO2)	0.055	0.21	0.055	0.21
02/1	DRYING OVEN - NAT GAS	Nitrous Oxide (N2O)	0.0012	0.0046	0.0012	0.0046
02/1	DRYING OVEN - NAT GAS	Particulate Matter (PM), Total	0.0011	0.0039	0.0011	0.0039
02/1	DRYING OVEN - NAT GAS	Particulate Matter < 10 Microns (PM10),	0.0011	0.0039	0.0011	0.0039
02/1	DRYING OVEN - NAT GAS	Sulfur dioxide	0.00033	0.0012	0.00033	0.0012
02/1	DRYING OVEN - NAT GAS	Volatile Organic Compounds (VOC)	0.003	0.011	0.003	0.011

002/3	PRIMER COATING - CURING OVENS	1,2,4-Trimethylbenzene	1.1	4.2	0.053	0.2
02/3	PRIMER COATING - CURING OVENS	Chromium compounds	12.8	47.9	11.6	43.3
02/3	PRIMER COATING - CURING OVENS	Cumene	0.08	0.3	0.0038	0.014
02/3	PRIMER COATING - CURING OVENS	Ethylbenzene	0.00032	0.0012	2e-005	6e-005
02/3	PRIMER COATING - CURING OVENS	Glycol ethers	10.7	39.8	0.51	1.9
02/3	PRIMER COATING - CURING OVENS	Naphthalene	0.95	3.6	0.046	0.17
02/3	PRIMER COATING - CURING OVENS	Volatile Organic Compounds (VOC)	28.9	108	1.4	5.2
02/3	PRIMER COATING - CURING OVENS	Xylene, mixed isomers	0.24	0.89	0.011	0.043
02/4	FINISH COATING - CURING OVENS	1,2,4-Trimethylbenzene	20.8	77.8	1.9	7.1
02/4	FINISH COATING - CURING OVENS	Chromium compounds	3.3	12.3	3	11.2
02/4	FINISH COATING - CURING OVENS	Cumene	0.7	2.6	0.063	0.24
02/4	FINISH COATING - CURING OVENS	Ethylbenzene	7.3	27.4	0.67	2.5
02/4	FINISH COATING - CURING OVENS	Formaldehyde	0.16	0.6	0.015	0.054
02/4	FINISH COATING - CURING OVENS	Glycol ethers	19.4	72.5	1.8	6.6
02/4	FINISH COATING - CURING OVENS	Manganese compounds	0.043	0.16	0.039	0.15
02/4	FINISH COATING - CURING OVENS	Naphthalene	4.6	17.3	0.42	1.6
02/4	FINISH COATING - CURING OVENS	Phosphoric acid	0.026	0.099	0.024	0.09
02/4	FINISH COATING - CURING OVENS	Toluene	0.0027	0.01	0.00025	0.00093
02/4	FINISH COATING - CURING OVENS	Volatile Organic Compounds (VOC)	147	552	13.4	50.2
02/4	FINISH COATING - CURING OVENS	Xylene, mixed isomers	11.5	43	1	3.9
02/4	FINISH COATING - CURING OVENS	Zinc compounds	5	18.5	4.5	16.8
02/6	PRIMER CURING OVEN - NG	Carbon Dioxide	249	931	249	931
02/6	PRIMER CURING OVEN - NG	Carbon Monoxide	0.17	0.65	0.17	0.65
02/6	PRIMER CURING OVEN - NG	Methane	0.0048	0.018	0.0048	0.018
02/6	PRIMER CURING OVEN - NG	Nitrogen dioxide (NO2)	0.21	0.78	0.21	0.78
02/6	PRIMER CURING OVEN - NG	Nitrous Oxide (N2O)	0.0046	0.017	0.0046	0.017
02/6	PRIMER CURING OVEN - NG	Sulfur dioxide	0.0012	0.0047	0.0012	0.0047
02/6	PRIMER CURING OVEN - NG	Volatile Organic Compounds (VOC)	0.011	0.043	0.011	0.043
02/7	FINISH CURING OVEN - NG	Carbon Dioxide	249	931	249	931
02/7	FINISH CURING OVEN - NG	Carbon Monoxide	0.17	0.65	0.17	0.65
02/7	FINISH CURING OVEN - NG	Methane	0.0048	0.018	0.0048	0.018

02/7	FINISH CURING OVEN - NG	Nitrogen dioxide (NO2)	0.21	0.78	0.21	0.78
02/7	FINISH CURING OVEN - NG	Nitrous Oxide (N2O)	0.0046	0.017	0.0046	0.017
02/7	FINISH CURING OVEN - NG	Sulfur dioxide	0.0012	0.0047	0.0012	0.0047
02/7	FINISH CURING OVEN - NG	Volatile Organic Compounds (VOC)	0.011	0.043	0.011	0.043
03/1	CLEAVER-BROOKS BOILER #1	Carbon Dioxide	331	1238	331	1238
03/1	CLEAVER-BROOKS BOILER #1	Carbon Monoxide	0.23	0.87	0.23	0.87
03/1	CLEAVER-BROOKS BOILER #1	Lead	0	1e-005	0	1e-005
03/1	CLEAVER-BROOKS BOILER #1	Methane	0.0063	0.024	0.0063	0.024
03/1	CLEAVER-BROOKS BOILER #1	Nitrogen dioxide (NO2)	0.28	1	0.28	1
03/1	CLEAVER-BROOKS BOILER #1	Nitrous Oxide (N2O)	0.0061	0.023	0.0061	0.023
03/1	CLEAVER-BROOKS BOILER #1	Particulate Matter (PM), Total	0.0052	0.02	0.0052	0.02
03/1	CLEAVER-BROOKS BOILER #1	Particulate Matter < 10 Microns (PM10),	0.0052	0.02	0.0052	0.02
03/1	CLEAVER-BROOKS BOILER #1	Sulfur dioxide	0.0017	0.0062	0.0017	0.0062
03/1	CLEAVER-BROOKS BOILER #1	Volatile Organic Compounds (VOC)	0.015	0.057	0.015	0.057
03/2	CLEAVER-BROOKS BOILER #2	Carbon Dioxide	331	1238	331	1238
03/2	CLEAVER-BROOKS BOILER #2	Carbon Monoxide	0.23	0.87	0.23	0.87
03/2	CLEAVER-BROOKS BOILER #2	Lead	0	1e-005	0	1e-005
03/2	CLEAVER-BROOKS BOILER #2	Methane	0.0063	0.024	0.0063	0.024
03/2	CLEAVER-BROOKS BOILER #2	Nitrogen dioxide (NO2)	0.28	1	0.28	1
03/2	CLEAVER-BROOKS BOILER #2	Nitrous Oxide (N2O)	0.0061	0.023	0.0061	0.023
03/2	CLEAVER-BROOKS BOILER #2	Particulate Matter (PM), Total	0.0052	0.02	0.0052	0.02
03/2	CLEAVER-BROOKS BOILER #2	Particulate Matter < 10 Microns (PM10),	0.0052	0.02	0.0052	0.02
03/2	CLEAVER-BROOKS BOILER #2	Sûlfur dioxide	0.0017	0.0062	0.0017	0.0062
03/2	CLEAVER-BROOKS BOILER #2	Volatile Organic Compounds (VOC)	0.015	0.057	0.015	0.057
03/3	CLEAVER-BROOKS BOILER #3	Carbon Dioxide	331	1238	331	1238
03/3	CLEAVER-BROOKS BOILER #3	Carbon Monoxide	0.23	0.87	0.23	0.87
03/3	CLEAVER-BROOKS BOILER #3	Lead	0	1e-005	0	1e-005
03/3	CLEAVER-BROOKS BOILER #3	Methane	0.0063	0.024	0.0063	0.024
03/3	CLEAVER-BROOKS BOILER #3	Nitrogen dioxide (NO2)	0.28	1	0.28	1
03/3	CLEAVER-BROOKS BOILER #3	Nitrous Oxide (N2O)	0.0061	0.023	0.0061	0.023
03/3	CLEAVER-BROOKS BOILER #3	Particulate Matter (PM), Total	0.0052	0.02	0.0052	0.02

003/3	CLEAVER-BROOKS BOILER #3	Particulate Matter < 10 Microns (PM10),	0.0052	0.02	0.0052	0.02
003/3	CLEAVER-BROOKS BOILER #3	Sûlfûr dioxide	0.0017	0.0062	0.0017	0.0062
003/3	CLEAVER-BROOKS BOILER #3	Volatile Organic Compounds (VOC)	0.015	0.057	0.015	0.057
003/4	CLEAVER-BROOKS BOILER #4	Carbon Dioxide	331	1238	331	1238
003/4	CLEAVER-BROOKS BOILER #4	Carbon Monoxide	0.23	0.87	0.23	0.87
003/4	CLEAVER-BROOKS BOILER #4	Lead	0	1e-005	0	1e-005
003/4	CLEAVER-BROOKS BOILER #4	Methane	0.0063	0.024	0.0063	0.024
003/4	CLEAVER-BROOKS BOILER #4	Nitrogen dioxide (NO2)	0.28	1	0.28	1
003/4	CLEAVER-BROOKS BOILER #4	Nitrous Oxide (N2O)	0.0061	0.023	0.0061	0.023
003/4	CLEAVER-BROOKS BOILER #4	Particulate Matter (PM), Total	0.0052	0.02	0.0052	0.02
003/4	CLEAVER-BROOKS BOILER #4	Particulate Matter < 10 Microns (PM10),	0.0052	0.02	0.0052	0.02
003/4	CLEAVER-BROOKS BOILER #4	Sulfur dioxide	0.0017	0.0062	0.0017	0.0062
003/4	CLEAVER-BROOKS BOILER #4	Volatile Organic Compounds (VOC)	0.015	0.057	0.015	0.057
004/1	BUILDING HEATING	Carbon Dioxide	44	165	44	165
004/1	BUILDING HEATING	Carbon Monoxide	0.031	0.12	0.031	0.12
004/1	BUILDING HEATING	Lead	0	0	0	0
004/1	BUILDING HEATING	Methane	0.00084	0.0032	0.00084	0.0032
004/1	BUILDING HEATING	Nitrogen dioxide (NO2)	0.037	0.14	0.037	0.14
004/1	BUILDING HEATING	Nitrous Oxide (N2O)	0.00081	0.003	0.00081	0.003
04/1	BUILDING HEATING	Particulate Matter (PM), Total	0.0007	0.0026	0.0007	0.0026
004/1	BUILDING HEATING	Particulate Matter < 10 Microns (PM10),	0.0007	0.0026	0.0007	0.0026
004/1	BUILDING HEATING	Sulfur dioxide	0.00022	0.00082	0.00022	0.00082
004/1	BUILDING HEATING	Volatile Organic Compounds (VOC)	0.002	0.0075	0.002	0.0075
005/1	PRIMER COATING - QUENCHING	1,2,4-Trimethylbenzene	1.1	4.2	0.022	0.083
005/1	PRIMER COATING - QUENCHING	Chromium compounds	12.8	47.9	0.26	0.96
005/1	PRIMER COATING - QUENCHING	Cumene	0.08	0.3	0.0016	0.0059
005/1	PRIMER COATING - QUENCHING	Ethylbenzene	0.00032	0.0012	1e-005	2e-005
005/1	PRIMER COATING - QUENCHING	Glycol ethers	10.7	39.8	1.1	4
005/1	PRIMER COATING - QUENCHING	Naphthalene	0.95	3.6	0.019	0.071
005/1	PRIMER COATING - QUENCHING	Volatile Organic Compounds (VOC)	28.9	108	0.58	2.2
005/1	PRIMER COATING - QUENCHING	Xylene, mixed isomers	0.24	0.89	0.0048	0.018

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005/2	FINISH COATING	- QUENCHING	1,2,4-Trimethylbenzene	20.8	77.8	0.42	1.6
005/2	FINISH COATING	- QUENCHING	Chromium compounds	3.3	12.3	0.066	0.25
005/2	FINISH COATING	- QUENCHING	Cumene	0.7	2.6	0.014	0.052
005/2	FINISH COATING	- QUENCHING	Ethylbenzene	7.3	27.4	0.15	0.55
005/2	FINISH COATING	- QUENCHING	Formaldehyde	0.16	0.6	0.0032	0.012
005/2	FINISH COATING	- QUENCHING	Glycol ethers	19.4	72.5	1.9	7.3
005/2	FINISH COATING	- QUENCHING	Manganese compounds	0.043	0.16	0.00086	0.0032
005/2	FINISH COATING	- QUENCHING	Naphthalene	4.6	17.3	0.093	0.35
005/2	FINISH COATING	- QUENCHING	Phosphoric acid	0.026	0.099	0.00053	0.002
005/2	FINISH COATING	- QUENCHING	Toluene	0.0027	0.01	5e-005	0.0002
005/2	FINISH COATING	- QUENCHING	Volatile Organic Compounds (VOC)	147	552	2.9	11
005/2	FINISH COATING	- QUENCHING	Xylene, mixed isomers	11.5	43	0.23	0.86
005/2	FINISH COATING	- QUENCHING	Zinc compounds	5	18.5	0.099	0.37
006/1	ROADS - TRUCKS	S .	Particulate Matter (PM), Total	2.8	10.4	2.8	10.4
006/1	ROADS - TRUCKS		Particulate Matter < 10 Microns (PM10),	2.2	8.1	2.2	8.1
006/2	ROADS - CARS		Particulate Matter (PM), Total	0.2	0.77	0.2	0.77
006/2	ROADS - CARS		Particulate Matter < 10 Microns (PM10),	0.16	0.62	0.16	0.62
007/1	DIESEL STORAGE	TANK #1	Volatile Organic Compounds (VOC)	0.00049	0.0022	0.00049	0.0022
007/2	DIESEL STORAGE	TANK #2	Volatile Organic Compounds (VOC)	0.00049	0.0022	0.00049	0.0022
007/3	GASOLINE STOR	AGE TANK	Volatile Organic Compounds (VOC)	0.052	0.23	0.052	0.23
007/4	SAFETY KLEEN S	OLVENTS	Volatile Organic Compounds (VOC)	0.081	0.3	0.081	0.3

Facility Actual Air Emissions

Reporting	Y	ear:	2002
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		Actual En	nissions	
	<u>Uncontrolled</u>	<u>Uncontrolled</u>	Controlled	Controlled
Pollutant	<u>lb/hr</u>	tpy	<u>lb/hr</u>	<u>tpy</u>
1,2,4-Trimethylbenzene				
Ammonia	0.117	0.357	0.117	0.357
Carbon Dioxide	4374.58	13371.4	4374.58	13371.4
Carbon Monoxide	3.06	9.36	3.06	9.36
Chromium compounds		-		
Cumene	0.402	1.17	0.173	0.402
Ethylbenzene	2.36	7.67	0.549	1.64
Formaldehyde	0.569	1.9	0.106	0.355
Glycol ethers	39.14	130.3	7.49	24.72
Lead	1.28E-05	3.76E-05	1.28E-05	3.76E-05
Manganese compounds		_		
Methane	0.084	0.256	0.084	0.256
Methyl ethyl ketone	0.418	1.4	0.08	0.265
Methyl isobutyl ketone	10.75	35.87	2.04	6.82
Naphthalene	11.04	36.67	1.98	6.44
Nitrogen dioxide (NO2)	3.81	11.46	3.81	11.46
Nitrous Oxide (N2O)	0.08	0.245	0.08	0.245
Particulate Matter (PM), Total	3.07	10.15	3.07	10.15
Particulate Matter < 10 Microns (PM10), Total	2.43	8.02	2.43	8.02
Particulate Matter < 10 Microns (PM2.5), Total	2.43	8.02	2.43	8.02
Phosphoric acid			-	
Sulfur dioxide	0.022	0.067	0.022	0.067
Toluene	0.433	1.45	0.081	0.27
Volatile Organic Compounds (VOC)	303.78	999.46	64.04	199.68
Xylene, mixed isomers	9.83	32.13	2.2	6.67
Zinc compounds				

Emission Unit Actual Air Emissions Reporting Year: 2002

Unit ID	Name	Pollutant	Uncontrolled lb/hr	Actual Emis Uncontrolled tpy		Controlled tpy
001/1	CCL1 PRIMER COATING - COATING APPLICATION	1,2,4-Trimethylbenzene			***** ********************************	
		Chromium compounds				
		Curnene	0.011	0.037	0.011	0.037
		Ethylbenzene	0.016	0.052	0.016	0.052
		Formaldehyde	0.004	0.013	0.004	0.013
		Glycol ethers	0.202	0.675	0.202	0.675
		Methyl ethyl ketone				
		Methyl isobutyl ketone		*******************		***
		Naphthalene	0.413	1.38	0.413	1.38
		Toluene	0.003	0.009	0.003	0.009
		Volatile Organic Compounds (VOC)	7.79	26	7.79	26
		Xylene, mixed isomers	0.117	0.389	0.117	0.389
01/2	CCL1 FINISH COATING - COATING APPLICATION	1,2,4-Trimethylbenzene				
		Chromium compounds				
		Cumene	0.011	0.037	0.011	0.037
		Ethylbenzene	0.162		0.162	0.541
		Formaldehyde	0.042	0.14	0.042	0.14
		Glycol ethers	2.91	9.72	2.91	9.72
		Manganese compounds				
		Methyl ethyl ketone	0.033	0.112	0.033	0.112
		Methyl isobutyl ketone	0.86	2.87	0.86	2.87
		Naphthalene	0.461	1.54	0.461	1.54
		Phosphoric acid				
		Toluene	0.032	0.107	0.032	0.107
	AND THE RESIDENCE OF THE SECOND CONTRACT OF T	Volatile Organic Compounds (VOC)	15.48	51.64	15.48	51.64
		Xylene, mixed isomers	0.631	2.11	0.631	2.11
		Zinc compounds				
02/1	CCL1 DRYING OVEN - NAT GAS	Ammonia	0.005	0.015	0.005	0.015
		Carbon Dioxide	173.86	580	173.86	580
one of the second		Carbon Monoxide	0.122	0.406	0.122	0.406
		Lead	7.24E-07	2.42E-06	7.24E-07	2.42E-06
		Methane	0.003	0.011	0.003	0.011
ACTION AND ADDRESS OF THE PARTY.		Nitrogen dioxide (NO2)	0.145	The second secon	0.145	0.483
		Nitrous Oxide (N2O)	0.003	****	0.003	0.011
		Particulate Matter (PM), Total	0.003	AND DESCRIPTION OF THE PROPERTY.	0.003	0.009
		Particulate Matter < 10 Microns (PM10), Total	0.003	0.009	0.003	0.009
		Particulate Matter < 10 Microns (PM2.5), Total	0.003	ACCORDING TO A STATE OF THE PARTY OF THE PAR	0.003	0.009
W-22-1000-00-00-00-00-00-00-00-00-00-00-00-0		Sulfur dioxide	0.000869305	DECEMBER OF STREET	0.00086931	0.003
		Volatile Organic Compounds (VOC)	0.008		0.008	0.027
002/3	CCL1 PRIMER COATING - CURING OVENS	1,2,4-Trimethylbenzene				
	gerrangen van van de deuem A. Jan 1980 o. Leen van de	Chromium compounds	and a state of the second seco		•	
	****	Curnene	0.124	0.414	0.007	0.022
		Ethylbenzene	0.176		0.009	0.031
		Formaldehyde	0.042		0.002	0.007
		Glycol ethers	2.28		0.121	0.403
A APPARAMENTAL AND AND ARREST		Methyl ethyl ketone	CHARLES OF THE SPERMENT OF THE	a consequence and a responsable and a second		
		Methyl isobutyl ketone				
		Methyl isobutyl ketone	4 64	15 49	0.246	0.821
		Naphthalene	4.64	A	0.246	0.821
		Naphthalene Toluene	0.031	0.104	0.002	0.006
		Naphthalene Toluene Volatile Organic Compounds (VOC)	0.031 87.67	0.104 292.45	0.002 4.65	0.006 15.5
		Naphthalene Toluene Volatile Organic Compounds (VOC) Xylene, mixed isomers	0.031	0.104 292.45	0.002	0.006 15.5
002/4	CCL1 FINISH COATING - CURING OYENS	Naphthalene Toluene Volatile Organic Compounds (VOC) Xylene, mixed isomers 1,2,4-Trimethylbenzene	0.031 87.67	0.104 292.45	0.002 4.65	0.006 15.5
002/4	CCL1 FINISH COATING - CURING OVENS	Naphthalene Toluene Volatile Organic Compounds (VOC) Xylene, mixed isomers 1,2,4-Trimethylbenzene Chromium compounds	0.031 87.67 1.31	0.104 292.45 4.37	0.002 4.65 0.069	0.006 15.5 0.232
002/4	CCL1 FINISH COATING - CURING OVENS	Naphthalene Toluene Volatile Organic Compounds (VOC) Xylene, mixed isomers 1,2,4-Trimethylbenzene Chromium compounds Cumene	0.031 87.67 1.31	0.104 292.45 4.37	0.002 4.65 0.069	0.006 15.5 0.232
0002/4	CCL1 FINISH COATING - CURING OVENS	Naphthalene Toluene Volatile Organic Compounds (VOC) Xylene, mixed isomers 1,2,4-Trimethylbenzene Chromium compounds Cumene Ethylbenzene	0.031 87.67 1.31 0.124 1.82	0.104 292.45 4.37 0.414 6.08	0.002 4.65 0.069 0.012 0.183	0.006 15.5 0.232 0.041 0.609
002/4	CCL1 FINISH COATING - CURING OVENS	Naphthalene Toluene Volatile Organic Compounds (VOC) Xylene, mixed isomers 1,2,4-Trimethylbenzene Chromium compounds Curnene Ethylbenzene Formaldehyde	0.031 87.67 1.31 0.124 1.82 0.47	0.104 292.45 4.37 0.414 6.08 1.57	0.002 4.65 0.069 0.012 0.183 0.047	0.006 15.5 0.232 0.041 0.609 0.157
0002/4	CCL1 FINISH COATING - CURING OVENS	Naphthalene Toluene Volatile Organic Compounds (VOC) Xylene, mixed isomers 1,2,4-Trimethylbenzene Chromium compounds Cumene Ethylbenzene Formaldehyde Glycol ethers	0.031 87.67 1.31 0.124 1.82	0.104 292.45 4.37 0.414 6.08 1.57	0.002 4.65 0.069 0.012 0.183	0.006 15.5 0.232 0.041 0.609 0.157
002/4	CCL1 FINISH COATING - CURING OVENS	Naphthalene Toluene Volatile Organic Compounds (VOC) Xylene, mixed isomers 1,2,4-Trimethylbenzene Chromium compounds Curnene Ethylbenzene Formaldehyde Glycol ethers Manganese compounds	0.031 87.67 1.31 0.124 1.82 0.47 32.77	0.104 292.45 4.37 0.414 6.08 1.57 109.33	0.002 4.65 0.069 0.012 0.183 0.047 3.28	0.006 15.5 0.232 0.041 0.605 0.157 10.94
0002/4	CCL1 FINISH COATING - CURING OVENS	Naphthalene Toluene Volatile Organic Compounds (VOC) Xylene, mixed isomers 1,2,4-Trimethylbenzene Chromium compounds Cumene Ethylbenzene Formaldehyde Glycol ethers	0.031 87.67 1.31 0.124 1.82 0.47 32.77	0.104 292.45 4.37 0.414 6.08 1.57 109.33	0.002 4.65 0.069 0.012 0.183 0.047 3.28	0.006 15.5 0.232 0.041 0.605 0.157 10.94
002/4	CCL1 FINISH COATING - CURING OVENS	Naphthalene Toluene Volatile Organic Compounds (VOC) Xylene, mixed isomers 1,2,4-Trimethylbenzene Chromium compounds Curnene Ethylbenzene Formaldehyde Glycol ethers Manganese compounds	0.031 87.67 1.31 0.124 1.82 0.47 32.77 0.377 9.68	0.104 292.45 4.37 0.414 6.08 1.57 109.33	0.002 4.65 0.069 0.012 0.183 0.047 3.28 0.038 0.969	0.006 15.5 0.232 0.041 0.609 0.157 10.94 0.126 3.23
002/4	CCL1 FINISH COATING - CURING OVENS	Naphthalene Toluene Volatile Organic Compounds (VOC) Xylene, mixed isomers 1,2,4-Trimethylbenzene Chromium compounds Curnene Ethylbenzene Formaldehyde Glycol ethers Manganese compounds Methyl ethyl ketone	0.031 87.67 1.31 0.124 1.82 0.47 32.77	0.104 292.45 4.37 0.414 6.08 1.57 109.33	0.002 4.65 0.069 0.012 0.183 0.047 3.28	0.006 15.5 0.232 0.041 0.605 0.157 10.94
002/4	CCL1 FINISH COATING - CURING OVENS	Naphthalene Toluene Volatile Organic Compounds (VOC) Xylene, mixed isomers 1,2,4-Trimethylbenzene Chromium compounds Curnene Ethylbenzene Formaldehyde Glycol ethers Manganese compounds Methyl ethyl ketone Methyl isobutyl ketone	0.031 87.67 1.31 0.124 1.82 0.47 32.77 0.377 9.68	0.104 292.45 4.37 0.414 6.08 1.57 109.33	0.002 4.65 0.069 0.012 0.183 0.047 3.28 0.038 0.969	0.006 15.5 0.232 0.041 0.609 0.157 10.94 0.126 3.23

	Name Poliutant		Mars and the state of the state	Actual Emissions ontrolled Uncontrolled Controlled		
Unit ID	Name	Pollutant	Uncontrolled lb/hr	<u>Uncontrolled</u> <u>tpy</u>	Eontrolled lb/hr	tpy
002/4	CCL1 FINISH COATING - CURING OVENS	Volatile Organic Compounds (VOC)	174.16	580.99	17.43	58.16
	(continued)	Xylene, mixed isomers	7.1	23.69	0.711	2.37
-		Zinc compounds	· Jan Janes de Romandon de la company de la	distribution of the state of th		March (Manday Voncon co. 1994 1994
002/6	CCL1 PRIMER CURING OVEN - NG	Ammonia	0.017	0.058	0.017	0.058
	or a same with bridge sufficient and supplied to the same of the s	Carbon Dioxide	651.98		651.98	2175
		Carbon Monoxide Methane	0.456 0.012		0.456 0.012	1.52 0.042
	em contra contra contra de la contra de del contra de del contra del contra del contra del contra co	Nitrogen dioxide (NO2)	0.543	1.81	0.543	1.81
Commence of the commence of th		Nitrous Oxide (N2O)	0.012		0.012	0.04
***************************************		Sulfur dioxide	0.003		0.003	0.011
		Volatile Organic Compounds (VOC)	0.03	0.1	0.03	0.1
002/7	CCL1 FINISH CURING OVEN - NG	Ammonia	- 0.017	0.058	0.017	0.058
		Carbon Dioxide	651.98	2175	651.98	2175
		Carbon Monoxide	0.456	1.52	0.456	1.52
al angle described the Manager Article		Methane	0.012		0.012	0.042
***		Nitrogen dioxide (NO2)	0.543	1.81	0.543	1.81
*		Nitrous Oxide (N2O) Sulfur dioxide	0.012 0.003	0.04 0.011	0.012 0.003	0.04 0.011
		Volatile Organic Compounds (VOC)	0.03	0.011	0.03	0.011
003/1	CLEAVER-BROOKS BOILER #1	Ammonia	0.011	0.038	0.011	0.038
	and the second s	Carbon Dioxide	422.23	1408.56	422.23	1408.56
		Carbon Monoxide	0.296	0.986	0.296	0.986
		Lead	1.76E-06	5.87E-06	1.76E-06	5.87E-06
		Methane	0.008	0.027	0.008	0.027
		Nitrogen dioxide (NO2)	0.352		0.352	1.17
		Nitrous Oxide (N2O)	0.008		0.008	0.026
		Particulate Matter (PM), Total	0.007	0.022	0.007	0.022
		Particulate Matter < 10 Microns (PM10), Total Particulate Matter < 10 Microns (PM2.5), Total	0.007	0.022	0.007 0.007	0.022 0.022
		Sulfur dioxide	0.007 0.002	0.022 0.007	0.007	0.022
		Volatile Organic Compounds (VOC)	0.002		0.019	0.065
003/2	CLEAVER-BROOKS BOILER #2	Ammonia	0.011	0.038	0.011	0.038
		Carbon Dioxide	422.23	1408.56	422.23	1408.56
		Carbon Monoxide	0.296	0.986	0.296	0.986
		Lead	1.76E-06	5.87E-06	1.76E-06	5.87E-06
/*************************************		Methane	0.008	0.027	0.008	0.027
		Nitrogen dioxide (NO2)	0,352		0.352	1.17
		Nitrous Oxide (N2O)	0.008		0.008	0.026
		Particulate Matter (PM), Total	0.007	0.022	0.007	0.022
-		Particulate Matter < 10 Microns (PM10), Total Particulate Matter < 10 Microns (PM2.5), Total	0.007	0.022 0.022	0.007	0.022 0.022
		Sulfur dioxide	0.007		0.002	0.022
	and the second s	Volatile Organic Compounds (VOC)	0.019		0.019	0.065
003/3	CLEAVER-BROOKS BOILER #3	Ammonia	0.011	0.038	0.011	0.038
	1	Carbon Dioxide	422.23	1408.56	422.23	1408.56
		Carbon Monoxide	0.296	0.986	0.296	0.986
and the second section of the second section is		Lead	1.76E-06	THE PERSON NAMED AND ADDRESS OF THE PARTY OF	1.76E-06	5.87E-06
***************************************		Methane	0.008		0.008	0.027
		Nitrogen dioxide (NO2)	0.352		0.352	1.17
		Nitrous Oxide (N2O) Particulate Matter (PM), Total	0.008		0.008	0.026 0.022
With the second		Particulate Matter (PM), Total Particulate Matter < 10 Microns (PM10), Total	0.007 0.007	**************************************	0.007	0.022
		Particulate Matter < 10 Microns (PM2.5), Total	0.007	AND DESCRIPTION OF THE PROPERTY OF THE PERSON OF THE PERSO	0.007	0.022
		Sulfur dioxide	0.007		0.002	0.007
		Volatile Organic Compounds (VOC)	0.019		0.019	0.065
003/4	CLEAVER-BROOKS BOILER #4	Ammonia	0.011	THE PARTY OF THE P	0.011	0.038
		Carbon Dioxide	422.23	1408.56	422.23	1408.56
		Carbon Monoxide	0.296		0.296	0.986
	The second secon	Lead	1.76E-06	NAME OF TAXABLE PARTY O	1.76E-06	5.87E-06
***********		Methane	0.008	30.1 magniture 2 - 2 - 3 - 3 - 4 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5	0.008	0.027
		Nitrogen dioxide (NO2)	0.352		0.352	1,17
		Nitrous Oxide (N2O)	0.008	0.026	0.008	0.026
					0.007	ດ ດວວ
		Particulate Matter (PM), Total	0.007	0.022	0.007	0.022
		Particulate Matter (PM), Total Particulate Matter < 10 Microns (PM10), Total	0.007 0.007	0.022 0.022	0.007	0.022
		Particulate Matter (PM), Total	0.007	0.022 0.022 0.022	The second line was a second contract of the second	Charles State Control of the Control

				Actual Emi		
Unit ID	Name	Pollutant	Uncontrolled lb/hr	Uncontrolled tpy	Controlled lb/hr	Controlled tpy
004/1	BUILDING HEATING	Ammonia	0.009	0.028	0.009	0.028
		Carbon Dioxide	319,58	1066.12	319.58	1066.12
	tu di u describito dell'accidente dell'accidente dell'accidente dell'accidente della construira della constr	Carbon Monoxide	0.224	0.746	0.224	0.746
April 10 000 000 000 000 000 000 000 000 000		Lead	1.33E-06	4.44E-06	1.33E-06	4.44E-06
		Methane	0.006	0.02	0.006	0.02
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Nitrogen dioxide (NO2)	0.266	0.888	0.266	0.888
****		Nitrous Oxide (N2O)	0.006	0.02	0.006	0.02
		Particulate Matter (PM), Total	0.005	0.017	0.005	0.017
		Particulate Matter < 10 Microns (PM10), Total	0.005	0.017	0.005	0.017
		Particulate Matter < 10 Microns (PM2.5), Total	0.005	0.017	0.005	0.017
V		Sulfur dioxide	0.002	0.005	0.002 0.015	0.005 0.049
005/4	COL 1 PRIMER COATING - OHENCHING	Volatile Organic Compounds (VOC) 1,2,4-Trimethylbenzene	0.013	U.043	0.013	0.043
005/1	CCL1 PRIMER COATING - QUENCHING	Chromium compounds				
***************************************		Cumene	0.003	0.009	0.003	0.009
		Ethylbenzene	0.004	0.013	0.004	0.013
~~~~		Formaldehyde	0.000899281	water a second contact and a second contact and to desire	0.00089928	0.003
		Glycol ethers	0.051	0.169	0.051	0.169
		Methyl ethyl ketone	<u> </u>	<u> </u>		
		Methyl isobutyl ketone			**************************************	
Miles Miles on Confession and		Naphthalene	0.103	0.345	0.103	0.345
		Toluene	0.0007494	0.003		0.003
		Volatile Organic Compounds (VOC)	1.95	6.5	1.95	6.5
- and a second and the second and		Xylene, mixed isomers	0.029	0.097	0.029	0.097
005/2	CCL1 FINISH COATING - QUENCHING	1,2,4-Trimethylbenzene				
		Chromium compounds				
-21		Cumene	0.003	0.009	0.003	0.009
And the second s		Ethylbenzene	0.04	0.135	0.04	0.135
- Anna Anna Anna Anna Anna Anna Anna Ann		Formaldehyde	0.01	0.035	0.01	0.035
		Glycol ethers	0.728	2.43	0.728	2.43
		Manganese compounds				
No. of Special Construction (Special)		Methyl ethyl ketone	0.008	0.028	0.008	0.028
		Methyl isobutyl ketone	0.215	0.718	0.215	0.718
2.02.00.4		Naphthalene	0.115	0.384	0.115	0.384
		Phosphoric acid				
		Toluene	0.008	0.027	0.008	0.027
		Volatile Organic Compounds (VOC)	3.87	12.91	3.87	12.91
		Xylene, mixed isomers	0.158	0.527	0.158	0.527
		Zinc compounds				
006/1	ROADS - TRUCKS	Particulate Matter (PM), Total	2.77	9.24	2.77	9.24
		Particulate Matter < 10 Microns (PM10), Total	2.17	7.24	2.17	7.24
		Particulate Matter < 10 Microns (PM2.5), Total	2.17	7.24	2.17	7.24
006/2	ROADS - CARS	Particulate Matter (PM), Total	0.205	0.684	0.205	0.684
~~~		Particulate Matter < 10 Microns (PM10), Total	0.165	0.55	0.165	0.55
		Particulate Matter < 10 Microns (PM2.5), Total	0.165	0.55	0.165	0.55
007/1	DIESEL STORAGE TANK #1	Volatile Organic Compounds (VOC)	0.000219863		0.00021986	0.000963
007/2	DIESEL STORAGE TANK #2 - PERMANENTLY SHUT		0	0	0	0
007/3	GASOLINE STORAGE TANK	Volatile Organic Compounds (VOC)	0.052	0.229	0.052	0.229
007/4	SAFETY KLEEN SOLVENTS	Volatile Organic Compounds (VOC)	0.144		0.144	0.479
007/5	ROLL FORMING	Volatile Organic Compounds (VOC)	2.33	7.78	2.33	7.78
008/1	CCL2 SURFACE TREATMENT	Phosphoric acid				0.000
008/2	CCL2 CHEMICAL DRYER	Ammonia	0.003	OKAN CONTRACTOR OF MANY CANADA	0.003	0.006
•		Carbon Dioxide	113.69	222.82	113.69	222.82
***************************************		Carbon Monoxide	0.08	0.156	0.08	0.156
		Lead	4.74E-07	9.28E-07	4.74E-07	9.28E-07
		Methane	0.002	0.004	0.002	0.004
		Nitrogen dioxide (NO2)	0.095	0.186	0.095	0.186
		Nitrous Oxide (N2O)	0.002	0.004	0.002	0.004
M/9-18		Particulate Matter (PM), Total	0.007	0.014	0.007	0.014
		Particulate Matter < 10 Microns (PM10), Total	0.007	0.014	0.007	0.014
		Particulate Matter < 10 Microns (PM2.5), Total	0.007	0.014	0.007	0.014
		Sulfur dioxide	0.000568427		0.00056843	0.001
	Bit Auditorial Profession Commence of the Comm	Volatile Organic Compounds (VOC)	0.005	0.01	0.005	0.01

				Actual Emis		
Unit ID	Name	Pollutant	Uncontrolled	Uncontrolled		
Towns (This property text 10	en e		<u>lb/hr</u>	tpy	<u>ib/hr</u>	tpy
008/3	CCL2 COATER ROOM	Сителе	0.124	0.243	0.124	0.243
		Ethylbenzene	0.132	0.259	0.132	0.259
		Formaldehyde	although and the state of the s	enischen der son eine eine eine eine eine eine eine ei		Add to the second secon
		Glycol ethers	0.191	0.374	0.191	0.374
,	390	Naphthalene	0.121	0.237	0.121	0.237
		Toluene				
		Volatile Organic Compounds (VOC)	9.94	19.47	9.94	19.47
Service and an indicated	and control (distribution sequence and control resident control resident sequence and control re	Xylene, mixed isomers	0.474	0.929	0.474	0.929
008/4	CCL2 CURING OVEN	Ammonia	0.017	0.034	0.017	0.034
		Carbon Dioxide	646.58	1267.29	646.58	1267.29
		Carbon Monoxide	0.453	0.887	0.453	0.887
THE PERSON NAMED AND POST OF		Lead	- 2.69E-06	5.28E-06	2.69E-06	5.28E-06
, March & Company of the Company of		Methane	0.012	0.024	0.012	0.024
		Nitrogen dioxide (NO2)	0.539	1.06	0.539	1.06
		Nitrous Oxide (N2O)	0.012	0.023	0.012	0.023
	umu e viru dili indicale del seguingo di appropriati (i de del della contro de servicio del contro de servicio del contro de servicio del contro del contr	Particulate Matter (PM), Total	0.041	0.08	0.041	0.08
		Particulate Matter < 10 Microns (PM10), Total	0.041	0.08	0.041	0.08
		Particulate Matter < 10 Microns (PM2.5), Total	0.041	0.08	0.041	0.08
		Sulfur dioxide	0.003	0.006	0.003	0.006
·		Volatile Organic Compounds (VOC)	0.03	0.058	0.03	0.058
008/5	CCL2 QUENCH TANK	Cumene	0.003	0.005	0.003	0.005
00013	COLE QUENOTI JANK	Ethylbenzene	0.003	0.005	0.003	0.005
		Formaldehyde	0.003	0.000	<u></u>	9:005
Anna Manda Marida Ar	a annual religios communicativos de completa de la completa del la completa de la completa del la completa de la completa del la completa della della completa della c	Glycol ethers	0.004	0.008	0.004	0.008
			0.002	0.005	0.002	0.005
		Naphthalene	U.002	0,003	0.002	0.000
		Toluene	0.203	0.397	0.203	0.397
		Volatile Organic Compounds (VOC)	THE PARTY OF THE PROPERTY OF THE PARTY OF TH			0.019
		Xylene, mixed isomers	0.01	0.019	0.01	0.015
008/6	CCL2 REGENERATIVE THERMAL OXIDIZER (C03)	Ammonia	0.003	0.007	0.003	The state of the s
		Carbon Dioxide	128	250.88	128	250.88
		Carbon Monoxide	0.09	0.176	0.09	0.176
		Lead	5.33E-07	1.05E-06	5.33E-07	1.05E-06
		Methane	0.002	0.005	0.002	0.005
		Nitrogen dioxide (NO2)	0.267	0.523	0.267	0.523
		Nitrous Oxide (N2O)	0.002	0.005	0.002	0.005
		Particulate Matter (PM), Total	0.008	0.016	0.008	0.016
		Particulate Matter < 10 Microns (PM10), Total	0.008	0.016	0.008	0.016
		Particulate Matter < 10 Microns (PM2.5), Total	0.008	0.016	0.008	0.016
The second control of the second		Sulfur dioxide	0.000640006	0.001	0.00064001	0.001
		Volatile Organic Compounds (VOC)	0.006	0.011	0.006	0.011

Facility Actual Air Emissions Reporting Year: 2003

	Actual Emissions				
	Uncontrolled	Uncontrolled	Controlled	Controlled	
Pollutant	<u>lb/hr</u>	tpy	<u>lb/hr</u>	<u>tpy</u>	
Ammonia	0.118	0.352	0.118	0.352	
Carbon Dioxide	4441.65	13205.3	4441.65	13205.3	
Carbon Monoxide	3.11	9.24	3.11	9.24	
Cumene	0.364	1.08	0.052	0.154	
Ethylbenzene	5.33	15.39	0.388	1.14	
Formaldehyde	0.503	1.51	0.092	0.277	
Glycol ethers	43.1	127.56	6.11	18.3	
Isophorone (3,5,5-Trimethyl-2-cyclohexen-1-one)	1.99	6_	0.378	1.14	
Lead	1.33682E-05	0.000039552	1.33682E-05	0.000039552	
Methane	8.50E-02	2.53E-01	8.50E-02	2.53E-01	
Methyl ethyl ketone	1.36	4.08	0.258	0.776	
Methyl isobutyl ketone	12.21	36.75	2.32	6.98	
Naphthalene	22.62	66.77	2.85	8.54	
Nitrogen dioxide (NO2)	3.85	11.44	3.85	11.44	
Nitrous Oxide (N2O)	0.081	0.242	0.081	0.242	
Particulate Matter (PM), Total	3.07	9.24	3.07	9.24	
Particulate Matter < 10 Microns (PM10), Total	2.43	7.32	2.43	7.32	
Particulate Matter < 10 Microns (PM2.5), Total	2.43	7.32	2.43	7.32	
Phosphoric acid	. 0	0	0	0	
Sulfur dioxide	0.022	0.066	0.022	0.066	
Tetrachloroethylene	6.22	18.72	1.18	3.56	
Toluene	0.479	1.44	0.09	0.27	
Volatile Organic Compounds (VOC)	396.62	1178.57	60.48	181.48	
Xylene, mixed isomers	70.11	209.27	11.64	34.97	

Emission Unit Actual Air Emissions Reporting Year: 2003

Unit ID	Name	Pollutant		Actual Emis Uncontrolled	Controlled	
OIM ID	Name	Foliutarit	Uncontrolled lb/hr	tpy	ib/hr	toy
001/1	CCL1 PRIMER COATING - COATING APPLI	CCumene	0.006	0.018	0.006	0.018
		Ethylbenzene	0.016	0.048	0.016	0.048
		Formaldehyde	0.002	0.007	0.002	0.007
		Glycol ethers	0.157	0.473	0.157	0.473
		Methyl ethyl ketone	······································			
		Methyl isobutyl ketone				
		Naphthalene	0.412	1.24	0.412	1.24
		Toluene	0.003	0.009	0.003	0.009
***************************************	·	Volatile Organic Compounds (VOC)	7.04	21.19	7.04	21.19
		Xylene, mixed isomers	0.081	0.244	0.081	0.244
001/2	CCL1 FINISH COATING - COATING APPLIC		0.016	0.047	0.016	0.047
		Ethylbenzene	0.085	0.255	0.085	0.255
······································		Formaldehyde	0.037	0.111	0.037	0.111
		Glycol ethers	2.23	6.72	2.23	6.72
		Isophorone	0.159	0.479	0.159	0.479
		Methyl ethyl ketone	0.108	0.327	0.108	0.327
		Methyl isobutyl ketone	0.976	2.94	0.976	2.94
		Naphthalene	0.748	2.25	0.748	2.25
		Tetrachloroethylene	0.497	1.5	0.497	1.5
		Toluene	0.036	0.107	0.036	0.107
····		Volatile Organic Compounds (VOC)	16.91	50.91	16.91	50.91
***************************************		Xylene, mixed isomers	4.66	14.03	4.66	14.03
002/1	CCL1 DRYING OVEN - NAT GAS	Ammonia	0.004	0.013	0.004	0.013
<u> </u>		Carbon Dioxide	164.52	495.29	164.52	495.29
		Carbon Monoxide	0.115	0.347	0.115	0.347
····		Lead	6.85509E-07	2.06373E-06		***************************************
		Methane	0.003	0.009	0.003	0.009
		Nitrogen dioxide (NO2)	0.137	0.413	0.003	0.413
		Nitrous Oxide (N2O)	0.003	0.009	0.003	0.009
		Particulate Matter (PM), Total	0.003	0.008	0.003	0.008
			3.00E-03	8.00E-03	3.00E-03	8.00E-03
·		Particulate Matter < 10 Microns (PM10)	0.003	0.008	0.003	0.008
**************************************		Particulate Matter < 10 Microns (PM2.5)			0.00082261	0.002
		Sulfur dioxide	0.000822611	0.002	0.0008	0.023
	COL 4 PRIMER COLTING CHENCO (FINA	Volatile Organic Compounds (VOC)	0.008		0.003	0.023
002/3	CCL1 PRIMER COATING - CURING OVENS		0.066	0.199	0.003	0.029
		Ethylbenzene	0.18	0.542 0.076	0.001	0.029
**************************************		Formaldehyde Chael others	0.025 1.77	5.32	0.094	0.282
		Glycol ethers	1.77	5.32	0.034	0.202
		Methyl ethyl ketone				
		Methyl isobutyl ketone	A C2	13.95	0.246	0.739
		Naphthalene	4.63		0.002	0.005
		Toluene	0.031	0.094	4.2	12.63
		Volatile Organic Compounds (VOC)	79.17	238.36		0.145
002/4	COLA FINISH COATING CURING OVENS	Xylene, mixed isomers	0.91	2.74	0.048	0.053
002/4	CCL1 FINISH COATING - CURING OVENS	Cumene	0.175	0.528	0.018	
		Ethylbenzene	0.953	2.87	0.095	0.287
		Formaldehyde	0.413	1.24	0.041	0.124
		Glycol ethers	25.12	75.61	2.51	7.57
		Isophorone	1.79	5.39	0.179	0.54
~~~~~~		Methyl ethyl ketone	1.22	3.67	0.122	0.368
		Methyl isobutyl ketone	10.98	33.07	1.1	3.31
		Naphthalene	8.42	25.35	0.843	2.54
~ <del>************************************</del>		Tetrachloroethylene	5.6	16.85	0.56	1.69
		Toluene	0.4	1.2	0.04	0.121
		Volatile Organic Compounds (VOC)	190.25	572.74	19.04	57.33

002/4	CCL1 FINISH COATING - CURING OVENS	Xylene, mixed isomers	52.42	157.8	5.25	15.8
002/6	CCL1 PRIMER CURING OVEN - NG	Ammonia	0.016	0.05	0.016	0.05
		Carbon Dioxide	616.65	1856.41	616.65	1856.41
		Carbon Monoxide	0.432	1.3	0.432	1.3
		Methane	0.012	0.036	0.012	0.036
		Nitrogen dioxide (NO2)	0.514	1.55	0.514	1.55
		Nitrous Oxide (N2O)	0.011	0.034	0.011	0.034
		Sulfur dioxide	0.003	0.009	0.003	0.009
		Volatile Organic Compounds (VOC)	0.028	0.085	0.028	0.085
002/7	CCL1 FINISH CURING OVEN - NG	Ammonia	0.016	0.05	0.016	0.05
		Carbon Dioxide	616.65	1856.41	616.65	1856.41
		Carbon Monoxide	0.432	1.3	0.432	1.3
		Methane (NO)	0.012	0.036	0.012	0.036
		Nitrogen dioxide (NO2)	0.514	1.55	0.514	1.55
		Nitrous Oxide (N2O)	0.011	0.034	0.011	0.034
		Sulfur dioxide  Volatile Organic Compounds (VOC)	0.003 0.028	0.009	0.003	0.009
003/1	CLEAVER-BROOKS BOILER #1	Ammonia	0.028	0.032	0.028	0.032
003/1	CLEAVER-BROOKS BOILER #1	Carbon Dioxide	399.35	1202.24	399.35	1202.24
		Carbon Monoxide	0.28	0.842	0.28	0.842
•		Lead	1.66395E-06	5.00931E-06		5.0093E-06
		Methane	0.008	0.023	0.008	0.023
		Nitrogen dioxide (NO2)	0.333	1	0.333	1
		Nitrous Oxide (N2O)	0.007	0.022	0.007	0.022
		Particulate Matter (PM), Total	0.006	0.019	0.006	0.019
		Particulate Matter < 10 Microns (PM10)	0.006	0.019	0.006	0.019
		Particulate Matter < 10 Microns (PM2.5)	0.006	0.019	0.006	0.019
	·	Sulfur dioxide	0.002	0.006	0.002	0.006
		Volatile Organic Compounds (VOC)	0.018	0.055	0.018	0.055
003/2	CLEAVER-BROOKS BOILER #2	Ammonia	0.011	0.032	0.011	0.032
		Carbon Dioxide	3.99E+02	1.20E+03	3.99E+02	1.20E+03
		Carbon Monoxide	0.28	0.842	0.28	0.842
		Lead	1.66395E-06	5.00931E-06	1.664E-06	5.0093E-06
		Methane	0.008	0.023	0.008	0.023
<u> </u>		Nitrogen dioxide (NO2)	0.333	1	0.333	1
		Nitrous Oxide (N2O)	0.007	0.022	0.007	0.022
		Particulate Matter (PM), Total	0.006	0.019	0.006	0.019
		Particulate Matter < 10 Microns (PM10)	0.006	0.019	0.006	0.019
		Particulate Matter < 10 Microns (PM2.5)	0.006	0.019	0.006	0.019
·		Sulfur dioxide	0.002	0.006	0.002	0.006
002/2	CLEAVER RECOVERDILLER #5	Volatile Organic Compounds (VOC)	0.018	0.055	0.018	0.055 0.032
003/3	CLEAVER-BROOKS BOILER #3	Ammonia .	0.011 3.99E+02	0.032 1.20E+03	0.011 3.99E+02	1.20E+03
		Carbon Dioxide Carbon Monoxide	3.99E+02 0.28	0.842	0.28	0.842
····		Lead	1.66395E-06	5.00931E-06		5.0093E-06
		Methane		0.023	0.008	0.023
			กกกล			
	engerer antam nagan laging problem ana ana an an ang problem an		0.008	0.023		1
		Nitrogen dioxide (NO2)	0.333		0.333	0.022
		Nitrogen dioxide (NO2) Nitrous Oxide (N2O)		0.022	0.333	0.022
		Nitrogen dioxide (NO2) Nitrous Oxide (N2O) Particulate Matter (PM), Total	0.333 0.007	1	0.333 0.007	
		Nitrogen dioxide (NO2) Nitrous Oxide (N2O) Particulate Matter (PM), Total Particulate Matter < 10 Microns (PM10)	0.333 0.007 0.006	1 0.022 0.019	0.333 0.007 0.006	0.022 0.019 0.019
		Nitrogen dioxide (NO2) Nitrous Oxide (N2O) Particulate Matter (PM), Total	0.333 0.007 0.006 0.006	0.022 0.019 0.019	0.333 0.007 0.006 0.006	0.022 0.019 0.019 0.019
		Nitrogen dioxide (NO2) Nitrous Oxide (N2O) Particulate Matter (PM), Total Particulate Matter < 10 Microns (PM10) Particulate Matter < 10 Microns (PM2.5)	0.333 0.007 0.006 0.006 0.006	1 0.022 0.019 0.019 0.019	0.333 0.007 0.006 0.006 0.006	0.022 0.019 0.019 0.019 0.006
003/4	CLEAVER-BROOKS BOILER #4	Nitrogen dioxide (NO2) Nitrous Oxide (N2O) Particulate Matter (PM), Total Particulate Matter < 10 Microns (PM10) Particulate Matter < 10 Microns (PM2.5) Sulfur dioxide	0.333 0.007 0.006 0.006 0.006 0.002	1 0.022 0.019 0.019 0.019 0.006	0.333 0.007 0.006 0.006 0.006 0.002	0.022 0.019 0.019 0.019 0.006 0.055
003/4	CLEAVER-BROOKS BOILER #4	Nitrogen dioxide (NO2) Nitrous Oxide (N2O) Particulate Matter (PM), Total Particulate Matter < 10 Microns (PM10) Particulate Matter < 10 Microns (PM2.5) Sulfur dioxide Volatile Organic Compounds (VOC)	0.333 0.007 0.006 0.006 0.006 0.002 0.018	1 0.022 0.019 0.019 0.019 0.006 0.055	0.333 0.007 0.006 0.006 0.006 0.002 0.018	0.022 0.019
003/4	CLEAVER-BROOKS BOILER #4	Nitrogen dioxide (NO2) Nitrous Oxide (N2O) Particulate Matter (PM), Total Particulate Matter < 10 Microns (PM10) Particulate Matter < 10 Microns (PM2.5) Sulfur dioxide Volatile Organic Compounds (VOC) Ammonia	0.333 0.007 0.006 0.006 0.006 0.002 0.018	1 0.022 0.019 0.019 0.019 0.006 0.055 0.032	0.333 0.007 0.006 0.006 0.006 0.002 0.018	0.022 0.019 0.019 0.019 0.006 0.055
003/4	CLEAVER-BROOKS BOILER #4	Nitrogen dioxide (NO2) Nitrous Oxide (N2O) Particulate Matter (PM), Total Particulate Matter < 10 Microns (PM10) Particulate Matter < 10 Microns (PM2.5) Sulfur dioxide Volatile Organic Compounds (VOC) Ammonia Carbon Dioxide	0.333 0.007 0.006 0.006 0.006 0.002 0.018 0.011 3.99E+02	1 0.022 0.019 0.019 0.019 0.006 0.055 0.032 1.20E+03	0.333 0.007 0.006 0.006 0.006 0.002 0.018 0.011 3.99E+02 0.28	0.022 0.019 0.019 0.019 0.006 0.055 0.032 1.20E+03
003/4	CLEAVER-BROOKS BOILER #4	Nitrogen dioxide (NO2)  Nitrous Oxide (N2O)  Particulate Matter (PM), Total  Particulate Matter < 10 Microns (PM10)  Particulate Matter < 10 Microns (PM2.5)  Sulfur dioxide  Volatile Organic Compounds (VOC)  Ammonia  Carbon Dioxide  Carbon Monoxide	0.333 0.007 0.006 0.006 0.006 0.002 0.018 0.011 3.99E+02 0.28	1 0.022 0.019 0.019 0.019 0.006 0.055 0.032 1.20E+03	0.333 0.007 0.006 0.006 0.006 0.002 0.018 0.011 3.99E+02 0.28	0.022 0.019 0.019 0.006 0.055 0.032 1.20E+03 0.842 5.0093E-06
003/4	CLEAVER-BROOKS BOILER #4	Nitrogen dioxide (NO2)  Nitrous Oxide (N2O)  Particulate Matter (PM), Total  Particulate Matter < 10 Microns (PM10)  Particulate Matter < 10 Microns (PM2.5)  Sulfur dioxide  Volatile Organic Compounds (VOC)  Ammonia  Carbon Dioxide  Carbon Monoxide  Lead	0.333 0.007 0.006 0.006 0.002 0.018 0.011 3.99E+02 0.28 1.66395E-06	1 0.022 0.019 0.019 0.019 0.006 0.055 0.032 1.20E+03 0.842 5.00931E-06	0.333 0.007 0.006 0.006 0.002 0.018 0.011 3.99E+02 0.28 1.664E-06	0.022 0.019 0.019 0.006 0.055 0.032 1.20E+03 0.842 5.0093E-06
003/4	CLEAVER-BROOKS BOILER #4	Nitrogen dioxide (NO2) Nitrous Oxide (N2O) Particulate Matter (PM), Total Particulate Matter < 10 Microns (PM10) Particulate Matter < 10 Microns (PM2.5) Sulfur dioxide Volatile Organic Compounds (VOC) Ammonia Carbon Dioxide Carbon Monoxide Lead Methane Nitrogen dioxide (NO2)	0.333 0.007 0.006 0.006 0.006 0.002 0.018 0.011 3.99E+02 0.28 1.66395E-06 0.008	1 0.022 0.019 0.019 0.006 0.005 0.032 1.20E+03 0.842 5.00931E-06 0.023	0.333 0.007 0.006 0.006 0.002 0.018 0.011 3.99E+02 0.28 1.664E-06	0.022 0.019 0.019 0.006 0.055 0.032 1.20E+03 0.842 5.0093E-06 0.023
003/4	CLEAVER-BROOKS BOILER #4	Nitrogen dioxide (NO2) Nitrous Oxide (N2O) Particulate Matter (PM), Total Particulate Matter < 10 Microns (PM10) Particulate Matter < 10 Microns (PM2.5) Sulfur dioxide Volatile Organic Compounds (VOC) Ammonia Carbon Dioxide Carbon Monoxide Lead Methane	0.333 0.007 0.006 0.006 0.006 0.002 0.018 0.011 3.99E+02 0.28 1.66395E-06 0.008 0.333	1 0.022 0.019 0.019 0.006 0.055 0.032 1.20E+03 0.842 5.00931E-06 0.023	0.333 0.007 0.006 0.006 0.002 0.018 0.011 3.99E+02 0.28 1.664E-06 0.008 0.333	0.022 0.019 0.019 0.006 0.055 0.032 1.20E+03 0.842 5.0093E-06 0.023 1
003/4	CLEAVER-BROOKS BOILER #4	Nitrogen dioxide (NO2) Nitrous Oxide (N2O) Particulate Matter (PM), Total Particulate Matter < 10 Microns (PM10) Particulate Matter < 10 Microns (PM2.5) Sulfur dioxide Volatile Organic Compounds (VOC) Ammonia Carbon Dioxide Carbon Monoxide Lead Methane Nitrogen dioxide (NO2) Nitrous Oxide (N2O)	0.333 0.007 0.006 0.006 0.002 0.018 0.011 3.99E+02 0.28 1.66395E-06 0.008 0.333 0.007	1 0.022 0.019 0.019 0.006 0.005 0.032 1.20E+03 0.842 5.00931E-06 0.023 1	0.333 0.007 0.006 0.006 0.002 0.018 0.011 3.99E+02 0.28 1.664E-06 0.008 0.333	0.022 0.019 0.019 0.006 0.055 0.032 1.20E+03

003/4	CLEAVER-BROOKS BOILER #4	Sulfur dioxide	0.002	0.006	0.002	0.006
	(continued)	Volatile Organic Compounds (VOC)	0.018	0.055	0.018	0.055
004/1	BUILDING HEATING	Ammonia	0.012	0.035	0.012	0.035
		Carbon Dioxide	4.39E+02	1.32E+03	4.39E+02	1.32E+03
		Carbon Monoxide	0.307	0.924	0.307	0.924
		Lead	1.82767E-06	5.50221E-06		5.5022E-06
		Methane	0.008	0.025	0.008	0.025
Andrew I Transmission		Nitrogen dioxide (NO2)	0.366	1.1	0.366	1.1
		Nitrous Oxide (N2O)	0.008	0.024	0.008	0.024
		Particulate Matter (PM), Total	0.007	0.021	0.007	0.021
·····		Particulate Matter < 10 Microns (PM10)  Particulate Matter < 10 Microns (PM2.5)	0.007 0.007	0.021 0.021	0.007	0.021 0.021
		Sulfur dioxide	0.007	0.021	0.007	0.021
		Volatile Organic Compounds (VOC)	0.002	0.061	0.02	0.061
005/1	CCL1 PRIMER COATING - QUENCHING	Cumene	0.001	0.005	0.001	0.005
	OOLIT KINER OOKING GOLIKUING	Ethylbenzene	4.00E-03	1.20E-02	4.00E-03	1.20E-02
***************************************		Formaldehyde	0.000498256	····	0.00049826	0.002
-		Glycol ethers	0.039	0.118	0.039	0.118
	,	Methyl ethyl ketone				
		Methyl isobutyl ketone				
		Naphthalene	0.103	0.31	0.103	0.31
		Toluene	0.000664341	0.002	0.00066434	0.002
***************************************		Volatile Organic Compounds (VOC)	1.76	5.3	1.76	5.3
		Xylene, mixed isomers	0.02	0.061	0.02	0.061
005/2	CCL1 FINISH COATING - QUENCHING	Cumene	0.004	0.012	0.004	0.012
		Ethylbenzene	0.021	0.064	0.021	0.064
		Formaldehyde	0.009	0.028	0.009	0.028
		Glycol ethers	0.558	1,68	0.558	1.68
***************************************		Isophorone	0.04	0.12	0.04	0.12
		Methyl ethyl ketone	0.027	0.082	0.027	0.082 0.735
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		Methyl isobutyl ketone	0.244	0.735 0.564	0.244 0.187	0.735
		Naphthalene Tetrachloroethylene	0.187 0.124	0.375	0.124	0.375
***************************************		Toluene	0.009	0.027	0.009	0.027
***************************************		Volatile Organic Compounds (VOC)	4.23	12.73	4.23	12.73
		Xylene, mixed isomers	1.16	3.51	1.16	3.51
006/1	ROADS - TRUCKS	Particulate Matter (PM), Total	2.77	8.34	2.77	8.34
		Particulate Matter < 10 Microns (PM10)	2.17	6.53	2.17	6.53
		Particulate Matter < 10 Microns (PM2.5)	2.17	6.53	2.17	6.53
006/2	ROADS - CARS	Particulate Matter (PM), Total	0.205	0.617	0.205	0.617
		Particulate Matter < 10 Microns (PM10)	0.165	0.497	0.165	0.497
		Particulate Matter < 10 Microns (PM2.5)	0.165	0.497	0.165	0.497
007/1	DIESEL STORAGE TANK #1	Volatile Organic Compounds (VOC)	0.00028849	0.0008685	0.00028849	0.0008685
007/3	GASOLINE STORAGE TANK	Volatile Organic Compounds (VOC)	0.076	0.229	0.076	0.229
007/4	SAFETY KLEEN SOLVENTS	Volatile Organic Compounds (VOC)	0.125	0.375	0.125	0.375
007/5	ROLL FORMING	Volatile Organic Compounds (VOC)	3.29	9.9	3.29	9.9
008/1	CCL2 SURFACE TREATMENT	Phosphoric acid	0	0	0 000	0 000
008/2	CCL2 CHEMICAL DRYER	Ammonia	0.003	0.008	0.003	0.008
************		Carbon Dioxide	109.44	311.41	109.44 0.077	311.41 0.218
***************************************		Carbon Monoxide	0.077	0.218	4.56E-07	1.2976E-06
*		Lead Methane	0.000000456	1.29755E-06 0.006	0.002	0.006
MICHELE STREET, WAS A STREET,		Nitrogen dioxide (NO2)	0.002	0.000	0.002	0.26
***************************************		Nitrous Oxide (N2O)	0.002	0.006	0.002	0.006
	The state of the s	Particulate Matter (PM), Total	0.002	0.02	0.002	0.02
anticol various constant		Particulate Matter < 10 Microns (PM10)	0.007	0.02	0.007	0.02
~~~~~		Particulate Matter < 10 Microns (PM10)	0.007	0.02	0.007	0.02
***************************************		Sulfur dioxide	0.0005472	0.002	0.0005472	0.002
		Volatile Organic Compounds (VOC)	0.0005472	0.002	0.0003472	0.002
008/3	CCL2 COATER ROOM	Cumene	0.005	0.014	0.003	0.005
20013	COLE COATER ROOM	Ethylbenzene	3.99	11.37	0.002	0.005
		Formaldehyde	0.016	**************************************	0.00031049	0.0008835
****		Glycol ethers	12.96	36.89	0.00031049	0.701
		21700: 001013	12.30			

CCL2 COATER ROOM	Isophorone	0.005	0.016	0.0001035	0.0002945
	·		0.008		0.0001425
		41.00.0001.0000000000000000000000000000			0.43
					and the same of th
		91.7	260.93	1.74	4.96
					0.575
CCL2 CURING OVEN			#### . F ==== ## -= +## -= -== ### -= 1 = - 1 = - 1		0.059
				777.31	2211.82
	Carbon Monoxide	0.544	1.55	0.544	1.55
		3.23877E-06	9.21593E-06	3.2388E-06	9.2159E-06
	Methane		0.042	0.015	0.042
	Nitrogen dioxide (NO2)	0.648	1.84	0.648	1.84
	Nitrous Oxide (N2O)	0.014	0.041	0.014	0.041
-	Particulate Matter (PM), Total	0.049	0.14	0.049	242 O.14
	Particulate Matter < 10 Microns (PM10)	0.049	0.14	0.049	0.14
		0.049	0.14	0.049	0.14
	Sulfur dioxide	0.004	0.011	0.004	0.011
	Volatile Organic Compounds (VOC)	0.036	0.101	0.036	0.101
CCL2 QUENCH TANK	Cumene	0.002	0.006	0.002	0.006
	Ethylbenzene	0.082	0.232	0.082	0.232
	Formaldehyde	0.000351432	0.001	0.00035143	0.001
The state of the s	Glycol ethers	0.265	0.753	0.265	0.753
	Isophorone	0.000175716	0.0005	0.00017572	0.0005
	Naphthalene	1.62E-01	4.62E-01	1.62E-01	4.62E-01
	Toluene				***************************************
	Volatile Organic Compounds (VOC)	1.87	5.33	1.87	5.33
	Xylene, mixed isomers	0.217	0.618	0.217	0.618
CCL2 REGENERATIVE T.O. (C03)	Ammonia	0.003	0.009	0.003	0.009
	Carbon Dioxide	121.06	344.47	121.06	344.47
	Carbon Monoxide	0.085	0.241	0.085	0.241
	Lead	5.04408E-07	1.43529E-06	**************************************	
	Methane	0.002	0.007		0.007
	Nitrogen dioxide (NO2)	0.252	0.718	0.252	0.718
	Nitrous Oxide (N2O)	0.002	0.006	0.002	0.006
	Particulate Matter (PM), Total	0.008	0.022	0.008	0.022
	Particulate Matter < 10 Microns (PM10)	0.008	0.022	0.008	0.022
	Particulate Matter < 10 Microns (PM2.5)	0.008	0.022	0.008	0.022
	Sulfur dioxide	0.00060529	0.002	0.00060529	0.002
					0.016
	CCL2 QUENCH TANK	(continued)  Methyl isobutyl ketone Naphthalene Toluene Volatiile Organic Compounds (VOC) Xylene, mixed isomers  CCL2 CURING OVEN Ammonia Carbon Dioxide Carbon Monoxide Lead Methane Nitrogen dioxide (NO2) Nitrous Oxide (N2O) Particulate Matter < 10 Microns (PM10) Particulate Matter < 10 Microns (PM2.5) Suffur dioxide Volatile Organic Compounds (VOC)  CCL2 QUENCH TANK Cumene Ethylbenzene Formaldehyde Glycol ethers Isophorone Naphthalene Toluene Volatile Organic Compounds (VOC) Xylene, mixed isomers  CCL2 REGENERATIVE T.O. (C03) Ammonia Carbon Dioxide Carbon Monoxide Lead Methane Nitrogen dioxide (NO2) Nitrous Oxide (NO2) Particulate Matter < 10 Microns (PM10)	Continued   Methyl isobutyl ketone   0.003   Naphthalene   7.96	(continued)         Methyl isobutyl ketone         0.003         0.008           Naphthalene         7.96         22.64           Toluene         Volatile Organic Compounds (VOC)         91.7         260.93           Xylene, mixed isomers         10.64         30.28           CCL2 CURING OVEN         Ammonia         0.021         0.099           Carbon Dioxide         777.31         2211.82           Carbon Monoxide         0.544         1.55           Lead         3.23877E-06         9.21593E-06           Methane         0.015         0.042           Nitrogen dioxide (NO2)         0.648         1.84           Nitrous Oxide (N2O)         0.014         0.041           Particulate Matter (PM), Total         0.049         0.14           Particulate Matter < 10 Microns (PM10)         0.049         0.14           Sulfur dioxide         0.000 (NO2)         0.03         0.01           Volatile Organic Compounds (VOC)         0.036         0.101           CCL2 QUENCH TANK         Cumene         0.002         0.006           Ethylbenzene         0.082         0.232           Formaldehyde         0.0031432         0.001           CCL2 QUENCH TANK         Cumene	(continued)         Methyl isobutyl ketone         0.003         0.008         5.0079E-05           Naphthalene         7.96         22.64         0.151           Toluene         Volatile Organic Compounds (VOC)         91.7         280.93         1.74           Xydene, mixed isomers         10.64         30.28         0.202           CCL2 CURING OVEN         Ammonoia         0.021         0.099         0.021           Carbon Dioxide         777.31         2211.82         777.31           Carbon Monoxide         0.544         1.55         0.544           Lead         3.2387E-06         9.21593E-06         3.2388E-06           Methane         0.015         0.042         0.015           Nitrous Oxide (N2C)         0.648         1.84         0.648           Nitrous Oxide (N2C)         0.014         0.041         0.041           Particulate Matter (PM), Total         0.049         0.14         0.049           Particulate Matter < 10 Microns (PM10)

ATTACHMENT D
Wheeling Corrugating RCRA Biennial Waste Summary
2001 & 2003



PATRICK J. SMITH Environmental Engineer (740) 283-5542

February 14, 2002

West Virginia Division of Environmental Protection Office of Waste Management/CAER 1356 Hansford Street Charleston, WV 25301-1401

Re: Generator Hazardous Waste Report - 2001

**Beech Bottom Plant** 

EPA ID # WVD000797720

To Whom It May Concern:

As required by the Resource Conservation and Recovery Act, the 2001 Generator Biennial Hazardous Waste Report for the Beech Bottom plant of Wheeling-Pittsburgh Steel Corporation was submitted via internet on February 14, 2002. Attached is the certification page with my original signature.

If you have any questions, please contact me at (740) 283-5542.

Respectfully

Patrick J. Smith

Attachment

cc:

PJS (w/Attachment)

R. Roy (w/Attachment)

LAM/BBECMF/2.4.2 (w/Attachment)

\BB\WASTE\HWRPT-CL.DOC



MAIL THE COMPLETED FORM TO: The Appropriate EPA Regional or State Office	United States Environmental Protection Agency RCRA SUBTITLE C SITE IDENTIFICATION FORM					
Reason for Submittal and Status of Information Supplied (see Instructions on pages 10 and 11)     CHECK CORRECT BOX(ES)	A. Reason for Submittal:  To provide initial notification (to obtain an EPA ID Number for hazardous waste, universal waste, or used oil activities).  To provide subsequent notification (to update site identification information).  As a component of a First RCRA Hazardous Waste Part A Permit Application.  As a component of a Revised RCRA Hazardous Waste Part A Permit Application (Amendment#					
2. Site EPA ID Number (see instructions on page 11)	EPA ID Number: WVD000797720					
3. Site Name (see instructions on page11)	Legal Name: Wheeling-Pittsburgh Steel Corporation					
4. Site Location Information (see	Street Address: WV State Route 2					
Instructions on page 11)	City, Town, or Village: Beech Bottom	State: WV				
	County Name: Brooke		Zip Code: 26030			
5. Site Land Type (see Instructions on page 11)	Site Land Type: Private County Distri	ct Fed	eral			
6. North American Industry Classification System (NAICS) Code(s) for the	A. 332812 B. 331221					
Site (see instructions on page 11)	C.	D.				
7. Site Mailing Address	Street or P.O. WV State Route 2					
(see instructions on page 12)	City, Town, or Village: Beech Bottom					
	State: WV					
	Country: UNITED STATES		Zip Code: 26030			
8. Site Contact Person (see instructions on page 12)	First Name: Patrick	MI: J	Last Name: Smith			
,	Phone Number: 7402835542		Phone Number Extension:			
Legal Owner and     Operator of the Site (see	A. Name of Site's Legal Owner: Wheeling-Pittsburgh Steel		Date Became Owner (mm/dd/yyyy): 12/31/1967			
instructions on pages 12 and13)	Owner Type: Private County District	Federal	☐ Indian ☐ Municipal ☐ State ☐ Other			
	B. Name of Site's Operator: Wheeling-Pittsburgh Steel		Date Became Operator (mm/dd/yyyy): 12/31/1967			
	Operator Type: Private County District Federal Indian Municipal State Other					

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			· · · <u>· · · · · · · · · · · · · · · · </u>		EPA	ID No.	WVD000	797720
10. Type of Re	gulated Waste Activity (	Mark 'X' in the approp	oriate boxes. Se	e ins	tructions on pages 1	3, 14, 15,	, and 16)	
A. Hazardous	Waste Activities			•				· · · · · · · · · · · · · · · · · · ·
	of Hazardous Waste ly one of the following three cate	egories)		For Items 2 through 6, check all that apply:  2. Transporter of Hazardous Waste				
∠ a. LQG: Greater than 1,000 kg/mo (2,200 lbs.) of non-acute hazardous waste; or			us		3. Treater, Storer, o	or Disposer	r of Hazardo	•
	b. SQG: 100 to 1,000 kg/mo (200 - 2,200 lbs.) of non-acute hazardous waste; or				for this activity		·	
c. CESQG: Less than 100 kg/mo of non-acute hazardous waste					4. Recycler of Haza hazardous waste			•
In addition, i	ndicate other generator activit	iles (check all that apply)			5. Exempt Boiler an	d/or Indus	trial Furnace	•
d. United	States Importer of Hazardous V	Vaste			a. Small Qua	ntity On-site	e Burner Exe	mption
e. Mixed	Waste (hazardous and radioacti	ve) Generator			b. Smelting, I	Melting, Ref	fining Fumac	e Exemption
		-			6. Underground Inje	ecton Cont	rol	
B. Universal	Waste Activities			c.	Used Oil Activities		<u> </u>	
B. Universal Waste Activities  1. Large Quantity Handler of Universal Waste [refer to your State regulations to determine what is regulated]. Indicate types of universal waste generated and/or accumulated at your site. (check all boxes that apply):    Generated   Accumulated   Accu					te Type(s) ifica turner			
D001	der they are presented in the re-	D006	D007		D008		035	F003
F005	3000	5000	5007		5000			
				•				
		i			·			

			EPA	ID No.	WVD0007	97720	
B. Waste Codes for State-Regulated (i.e., non-Federal) Hazardous Wastes. Please list the waste codes of the State-regulated hazardous wastes handled at your site. List them in the order they are presented in the regulations. Use an additional page if more spaces are needed for waste codes.							
	·						
	<u> </u>	·					
12. Comments (see instructions on pa	ge 17) 						
		•				,	
		·					
		•••					
						2	
13. Certification I certify under penalty accordance with a system designed to a inquiry of the person or persons who m submitted is, to the best of my knowled submitting false information, including the	anage the system, or th ge and belief, true, acci	nose persons directly urate, and complete.	responsible for gather am aware that there	ing the in are signif	formation, th icant penalti	ne information in its informatio	
Signature of owner, operator, or an authorized representative		Name and Official Title	(type or print)			Date Signed (mm-dd-yyyy)	
Pat Jims	Patrick J Smith, Env.	Engineer				02/14/2002	
U		•					
			-				

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U.S. ENVIRONMENTAL **PROTECTION AGENCY** SITE NAME: Wheeling-Pittsburgh Steel Corporation 2001 Hazardous Waste Report EPA ID NO: WVD000797720 **FORM WASTE GENERATION** AND MANAGEMENT GM Instructions: Please see the detailed instructions beginning on page 19 of the instructions and forms booklet before completing this form. In addition, the page number for instructions specific to each box is provided in parentheses. A. Waste description (page 22) Sec.1 Waste Paint Rags and Solids from Paint Line B. EPA hazardous waste code D001 D005 D006 D007 D008 C. State hazardous waste code (page22) (page 22) D035 F003 F005 E. Form code F. RCRA G. Quantity generated in 2001 (page H. UOM D. Source code G06 (page 23) (page23) radioactive 23) (page23) Management Method code for mixed Source code G25 (page23) Density 9539 W409 ☐ lbs/ga ☐ sg Yes Was any of this waste managed on site ? (page24) Sec. 2 1 Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1) 2 No (SKIP TO SEC.3) ON-SITE PROCESS SYSTEM 2 ON-SITE PROCESS SYSTEM 1 Quantity treated, disposed, or On-site Management Quantity treated, disposed, or On-site Management Method code (page 24) recycled onsite in 2001 (page 25) Method code (page 24) recycled on site in 2001 (page 25) A. Was any of this waste shipped off site in 2001 for treatment, disposal, or recycling? (pages25 and 26) Sec. 3 1Yes (CONTINUE TO BOX B) 2 No (FORM IS COMPLETE) C. Off-site Management Method code D. Total quantity shipped in 2001 B. EPA ID No. of facility to which waste was Site 1 Shipped to (page 26) (page 26) shipped (page 26) 5900 OHD001926740 H061 C. Off-site Management Method code D. Total quantity shipped in 2001 B. EPA ID No. of facility to which waste was Site 2 shipped (page 26) Shipped to (page 26) (page 26) OHD001926740 H141 3639 D. Total quantity shipped in 2001 B. EPA ID No. of facility to which waste was C. Off-site Management Method code Site 3 (page 26) Shipped to (page 26) shipped (page 26)

Section I.E. Paint rags and solids from paint line.

#### U.S. ENVIRONMENTAL **PROTECTION AGENCY** SITE NAME: Wheeling-Pittsburgh Steel Corporation 2001 Hazardous Waste Report EPA ID NO: WVD000797720 **FORM** WASTE GENERATION AND MANAGEMENT **GM** Instructions: Please see the detailed instructions beginning on page 19 of the instructions and forms booklet before completing this form. In addition, the page number for instructions specific to each box is provided in parentheses. A. Waste description (page 22) Sec.1 Waste Chromium solids from paint line operation, mixture of chromium and absorbent material. C. State hazardous waste code (page22) B. EPA hazardous waste code D007 (page 22) E. Form code F. RCRA G. Quantity generated in 2001 (page UOM D. Source code G06 (page 23) (page23) radioactive 23) (page23) Management Method code for mixed Source code G25 (page23) Density 500 W310 ☐ Yes ☐ lbs/ga ☐ sg Sec. 2 Was any of this waste managed on site ? (page24) 1 Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1) 2 No (SKIP TO SEC.3) ON-SITE PROCESS SYSTEM 1 **ON-SITE PROCESS SYSTEM 2** Quantity treated, disposed, or On-site Management Quantity treated, disposed, or On-site Management Method code (page 24) Method code (page 24) recycled onsite in 2001 (page 25) recycled on site in 2001 (page 25) A. Was any of this waste shipped off site in 2001 for treatment, disposal, or recycling? (pages25 and 26) Sec. 3 1Yes (CONTINUE TO BOX B) 2 No (FORM IS COMPLETE) B. EPA ID No. of facility to which waste was C. Off-site Management Method code D. Total quantity shipped in 2001 Site 1 shipped (page 26) Shipped to (page 26) ( page 26) OHD980568992 H129 500 B. EPA ID No. of facility to which waste was C. Off-site Management Method code D. Total quantity shipped in 2001 Site 2 shipped (page 26) Shipped to (page 26) (page 26) D. Total quantity shipped in 2001 B. EPA ID No. of facility to which waste was C. Off-site Management Method code Site 3 Shipped to (page 26) shipped (page 26) (page 26) Section 3.C. Chemical treatment of metal-bearing waste.

EPA ID NO: WVD000797720

## U.S. ENVIRONMENTAL PROTECTION AGENCY

2001 Hazardous Waste Report

FORM OI

TRANSPORTER IDENTIFICATION

mstructi	ions: Please read the detailed instructions on the reve	erse side before completing this form.
Site 1	A. EPA ID No. of transporter OHD980568992	B. Name of transporter Envirite of Ohio, Inc.
C. Addre Street City Zip	ess of transporter 2050 Central Avenue S.E. Canton 44707	State OH
Site 2	A. EPA ID No. of transporter	B. Name of transporter
C. Addre Street City Zip	ess of transporter	State
Site 3	A. EPA ID No. of transporter	B. Name of transporter
C. Addre Street City Zip	ess of transporter	State
Site 4	A. EPA ID No. of transporter	B. Name of transporter
	A. EPA ID No. of transporter	B. Name of transporter  State
C. Addre Street City	ss of transporter	
C. Addre Street City Zip	ss of transporter	State



PATRICK J. SMITH Environmental Engineer (740) 283-5542

March 1, 2004

West Virginia Division of Environmental Protection Office of Waste Management/CAER 1356 Hansford Street Charleston, WV 25301-1401

Re: Generator Hazardous Waste Report - 2003

**Beech Bottom Plant** 

EPA ID # WVD000797720

To Whom It May Concern:

As required by the Resource Conservation and Recovery Act, the 2003 Generator Biennial Hazardous Waste Report for the Beech Bottom plant of Wheeling-Pittsburgh Steel Corporation was submitted via internet on March 1, 2004. Attached is the Form ID hard copy with my original signature.

If you have any questions, please contact me at (740) 283-5542.

Respectfully,

Patrick J. Smith

Attachment

cc: BE\$/ECMF/2.4.10.2 (w/Attachment)

HĜS/ECSF BB File

\BB\WASTE\HWRPT-CL.WPD



MAIL THE COMPLETED FORM TO: The Appropriate State or EPA Regional Office	United States Environmental Protection Agency RCRA SUBTITLE C SITE IDENTIFICATION FORM							
1. Reason for	A. Reason for Submittal:	*****						
Submittal (see instructions on page 9)	To provide initial notification (to obtain an EPA ID Num activities).	ber for hazardo	ous waste, universal waste	e, or used oil				
MARK ALL BOX(ES) THAT APPLY	To provide subsequent notification (to update site identification information).							
	As a component of a First RCRA Hazardous Waste Part A Permit Application.							
	As a component of a Revised RCRA Hazardous Wast	e Part A Permit	Application (Amendment	<u>).</u>				
	As a component of the Hazardous Waste Report.							
2. Site EPA ID Number (page 10)	EPA ID Number: WVD000797720							
3. Site Name (page 10)	Name: Wheeling-Pittsburgh Steel Corporation							
4. Site Location	Street Address: WV Route 2							
(page 10)	City, Town, or Village: Beech Bottom	State: WV						
•	County Name: Brooke		Zip Code: 26030					
5. Site Land Type (Page 10)	Site Land Type: Private County Distr	ict Fed	eral 🔲 Indian 📗	Municipal State Other				
6. North American Industry Classification System (NAICS)	A. 332812 B. 332114							
Code(s) for the Site (page 10)	С.	D.						
7. Site Mailing Address	Street or P.O. 1134 Market Street							
(page 11)	City, Town, or Village: Wheeling							
	State: WV							
,	Country: UNITED STATES		Zip Code: 26003					
8. Site Contact Person (page 11)	First Name: Patrick	MI: J	Last Name: Smith					
(,, ,,	Phone Number: 7402835542 Extension:		Email Address: smithpj@wpsc.co	om				
9. Operator Legal Owner of the Site	B. Name of Site's Operator: Wheeling-Pittsburgh Steel Corporation		Date Became Operat 01/01/1968					
pages 11 and 12)	Operator Type: Private County District	Feder	al Indian Mu	unicipal State Other				
	A. Name of Site's Legal Owner: Wheeling-Pittsburgh Steel Corporation		Date Became Owner 01/01/1968	(mm/dd/yyyy):				
	Owner Type: Private County District	Federa	I Indian M	unicipal State Other				

EPA ID No: WVD000797720

	Street or P. O. Box: 1134 Market Street						
9. Legal Owner (Continued)							
Address							
	State WV						
	Country: UNITED STATES			Zip: 26003			
10. Type of Regulated Wa							
Mark "Yes" or "No" for	all activities; complete any	/ additional boxes a	s instructed.	(See instructions on pages 12 to 16.)			
A. Hazardous Waste Acti							
	of Hazardous Waste		Y 🗌 N 🗹	2. Transporter of Hazardous Waste			
	oose only one of the following -a, b	o, or c.	_				
☑ a. LQG:	Greater than 1,000 kg/mo (2,200 lbs. of non-acoute hazardous waste; or	/mo.)	Y□N☑	Treater,Storer, or Disposer of Hazardouse Waste (at your site) Note: A hazardous waste permit is required for this activity			
b. sQG: 	100 to 1,000 kg/mo (200 - 2,200 lbs. of non-acute hazardous waste; or	/mo.)	Y 🗆 N 🗹	Recycler of Hazardous Waste (at your site)			
c. CESC	QG: Less than 100 kg/mo (220lbs./mo of non-acoute hazardous waste	.)	Y 🗆 N 🗹	5. Exempt Boiler and/or Industrial Furnace			
14-4141 141				If "Yes" mark each that applies.			
in addition, indi	cate other generator activities			a. Small Quantity On-site Burner     Exemption			
Y ☐N ☑ d. Unite	d States Importer of Hazardous Wast	de	b. Smelting, Melting, Refining Furnance Exemption				
Y □ N ☑ e. Mixed	d Waste (hazardous and radioactive)	Y N 6. Underground Injection Control					
B. Universal Waste A	ctivities		(	C. Used Oil Activities			
Y N 🗸 1. Large Qua	intity Handler of Universal Waste (a	accumulate		Mark all boxes that apply.			
determine wi waste genera	nore) [refer to your State regulation hat is regulated]. Indicate types of ated and/or accumulated at your sit as that apply:	universal	YONZ	Used Oil Transporter  If "Yes, mark each that applies.			
	Generated	Accumulated	[	a. Transporter b. Transfer Facility			
a. Batteries			Y ON 🗹	2. Used Oil Processor and/or Re-refiner If "Yes", mark each that applies.			
b. Pesticides				a. Processor b. Re-refiner			
c. Thermostats			^ C 7 G	3. Off-Specification Used Oil Burner			
d. Lamps			YON	3. On-openication oder on Dame.			
e. Other (specify)			YUND	4. Used Oil Fuel Marketer			
f. Other (specify)			_	If "Yes", mark each that applies.			
g. Other (specify)				Marketer Who Directs Shipment of     Off-Specification Used Oil to			
				Off-Specification Used Oil Burner  b. Marketer Who First Claims the			
Y N 2. Destination Facility for Universal Waste				Used Oil Meets the Specifications			
Note: A haza	rdous waste permit may be required f	for this activity.					

EPA ID NO: WVD000797720

11. Description of H	azardous Wastes(	see instructions on p	page 16)			
A. Waste Codes for Fe	derally Regulated Haza	ardous Wastes. Please lis	t the waste codes of the F			
D001	D002	D007	D008	D035	F003	F005
2001	5002	2007	5000		1003	1 1003
B. Waste Codes for State handled at your site. L waste codes.	-Regulated (i.e., non-Fe ist them in the order	ederal) Hazardous Wastes they are presented in	s. Please list the wast the regulations. Use	e codes of the State-re an additional page if n	egulated hazardous nore spaces are nee	wastes eded for
12. Comments (see i	instructions on pag	je 17)				
accordance with a sy inquiry of the person submitted is, to the b	stem designed to as or persons who ma pest of my knowledge mation, including the	of law that this documesure that qualified per nage the system, or the e and belief, true, accu the possibility of fine	sonnel properly gathe lose persons directly urate, and complete. I	er and evaluate the information responsible for gather arm aware that there are	ormation submitted.	Based on my the information
Signature of owner, authorized rep			Name and Official Title	(type or print)		Date Signed (mm-dd-yyyy)
Pat flood	Patrick J Smith, Env. Engineer 0					03-01-2004
	1					0 3-01-200
						0 3-01-20

#### U.S. ENVIRONMENTAL PROTECTION AGENCY SITE NAME: Wheeling-Pittsburgh Steel Corporation 2003 Hazardous Waste Report EPA ID NO: WVD000797720 **FORM WASTE GENERATION GM** AND MANAGEMENT Instructions: Please see the detailed instructions on pages 17 to 25 of this booklet before completing this form. A. Waste description (page 22) Sec.1 Used solvents/scrap paint from paint lines B. EPA hazardous waste code D001 D007 D008 D035 F003 C. State hazardous waste code (page 22) F005 G. UOM D. Source code E. Form code G06 F. Quantity generated in 2003 (page 23) (page23) (page23) Management Method code for 160523 Source code G25 Density W209 ☐ lbs/ga ☐ sg Sec. 2 Was any of this waste managed on site ? (page22) 1 Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1) 2 No (SKIP TO SEC.3) ON-SITE PROCESS SYSTEM 1 ON-SITE PROCESS SYSTEM 2 Quantity treated, disposed, or On-site Management Quantity treated, disposed, or On-site Management recycled on site in 2003 recycled onsite in 2003 Method code Method code A. Was any of this waste shipped off site in 2003 for treatment, disposal, or recycling? (pages25 and 26) Sec. 3 2 No (FORM IS COMPLETE) 1Yes (CONTINUE TO BOX B) B. EPA ID No. of facility to which waste C. Off-site Management Method D. Total quantity shipped in 2003 Site 1 was shipped code Shipped to 129200 KYD053348108 H061 B. EPA ID No. of facility to which waste C. Off-site Management Method D. Total quantity shipped in 2003 Site 2

Comments:			

C. Off-site Management Method

code Shipped to

code Shipped to

H141

was shipped OHD980897656

was shipped

Site 3

B. EPA ID No. of facility to which waste

31323

D. Total quantity shipped in 2003

EPA ID NO: WVD000797720

#### U.S. ENVIRONMENTAL PROTECTION AGENCY

2003 Hazardous Waste Report

			GM	WASTE GENERA AND MANAGEM		
Instructi	ons: Please see the detailed instru	uctions on pag	es 17 to 25 of this b	ooklet before completing	this form.	
Sec.1	A. Waste description (page 22) Paint rags	s, filters, and deb	oris from paint lines			
B. EPA ha:	zardous waste code D007 D008 D035 F0	03 F005	C. State hazardous waste	code		
D. Source (page2	code G06 3) Management Method code for Source code G25	E. Form code (page23) W409	F. Quantity generated in 3280		G. UOM (page 23) 1 Density  Ibs/ga sg	
Sec. 2	Was any of this waste managed on site? (page 1 Yes (CONTINUE TO ON-SITE PROCESS 2 No (SKIP TO SEC.3)	-				
On-site Ma	ON-SITE PROCESS SYSTEM 2  On-site Management Quantity treated, disposed, or Method code recycled onsite in 2003  On-site Management Quantity treated, disposed, or Method code recycled on site in 2003					
Sec. 3	A. Was any of this waste shipped off site in 2000  1 Yes (CONTINUE TO BOX B)	3 for treatment, disp 2 No (FORM IS CO		5 and 26)		
Site 1	B. EPA ID No. of facility to which waste was shipped C. Off-site M code Shi  KYD053348108 H061		lanagement Method D. Total quantity shipped pped to 25800		in 2003	
Site 2	B. EPA ID No. of facility to which waste was shipped C. Off-site P code Shi OHD980897656 H141		anagement Method pped to	D. Total quantity shipped 7000	D. Total quantity shipped in 2003 7000	
Site 3	B. EPA ID No. of facility to which waste was shipped C. Off-site code Sh		anagement Method oped to	D. Total quantity shipped	D. Total quantity shipped in 2003	
Comments: Form Code W409: Paint rags, filters, and debris containing paint solids.						

#### U.S. ENVIRONMENTAL **PROTECTION AGENCY**

2003 Hazardous Waste Report

EPA ID NO: WVD000797720			FORM GM		WASTE GENERATION AND MANAGEMENT			
Instructi	ons: Please see the detailed instruction	ons on pag	es 17 to 25 o	f this bookle	et before completing	this form.		
Sec.1	A. Waste description (page 22) Chromic acid	solids from p	paint lines					
B. EPA ha (page 2	zardous waste code D007		C. State hazardo	ous waste code				
D. Source (page2	code G06 E.  3) Management Method code for Source code G25	Form code (page23) W316	F. Quantity gen	erated in 2003 6150		G. UOM (page 23) 1 Density  Ibs/ga sg		
Sec. 2	Sec. 2 Was any of this waste managed on site ? (page22)  1 Yes (CONTINUE TO ON-SITE PROCESS SYSTEM 1) 2 No (SKIP TO SEC.3)							
On-site Ma	ON-SITE PROCESS SYSTEM 2  On-site Management Quantity treated, disposed, or Method code recycled onsite in 2003  On-site Management Quantity treated, disposed, or Method code recycled on site in 2003							
Sec. 3	A. Was any of this waste shipped off site in 2003 for   1 Yes (CONTINUE TO BOX B) 2 No.	treatment, dispo		(pages25 and 2	6)			
Site 1	B. EPA ID No. of facility to which waste was shipped  'KYD053348108		C. Off-site Management Method code Shipped to H141		D. Total quantity shipped in 2003			
Site 2	was shipped		C. Off-site Management Method code Shipped to H141		D. Total quantity shipped in 2003			
Site 3			C. Off-site Management Method code Shipped to		D. Total quantity shipped i	n 2003		
Comments								

# U.S. ENVIRONMENTAL PROTECTION AGENCY

2003 Hazardous Waste Report

EPA ID NO: WVD000797720			FORM GM		WASTE GENERATION AND MANAGEMENT		
Instructi	ions: Please see the detailed instru	uctions on pag	es 17 to 25 o	f this booklet be	efore completing	this form.	
Sec.1	A. Waste description (page 22) Phosphor	ic acid sludge fro	om tank cleanou	ut			
B. EPA ha (page 2	zardous waste code D002 D008		C. State hazard	ous waste code			
D. Source (page2	e code G03 3) Management Method code for Source code G25	E. Form code (page23)	F. Quantity ger	nerated in 2003 700		G. UOM (page 23) 1 Density  bs/ga sg	
Sec. 2	Was any of this waste managed on site ? (page 1 Yes (CONTINUE TO ON-SITE PROCESS 2 No (SKIP TO SEC.3)						
ON-SITE PROCESS SYSTEM 2  On-site Management Quantity treated, disposed, or Method code recycled onsite in 2003  On-site Management Quantity treated, disposed, or Method code recycled on site in 2003							
Sec. 3	A. Was any of this waste shipped off site in 2003  1 Yes (CONTINUE TO BOX B)	for treatment, disposed 2 No (FORM IS CO		7 (pages25 and 26)			
Site 1	B. EPA ID No. of facility to which waste was shipped C. Off-site code St OHD980897656 H141		-			otal quantity shipped in 2003	
Site 2	e 2 B. EPA ID No. of facility to which waste C. Off-site M code Ship		lanagement Method oped to		D. Total quantity shipped in 2003		
Site 3	B. EPA ID No. of facility to which waste was shipped C. Off-site Maccode Shipped				Total quantity shipped i	n 2003	
Comment	s:						

#### SITE NAME: Wheeling-Pittsburgh Steel Corporation

EPA ID NO: WVD000797720

### U.S. ENVIRONMENTAL PROTECTION AGENCY

2003 Hazardous Waste Report

FORM OI

TRANSPORTER IDENTIFICATION

Instruct	ons: Please read the detailed instructions on the reverse	e side before completing this form.
	LA ERIA ID NO. CO.	
Site 1	A. EP'A ID No. of transporter	B. Name of transporter
	MOR000505347	Bedrock DBA TSMTCO
C. Addre	ss of transporter	
1	8141 East 7th Street	
Street		
City	Joplin	State MO
Zip	64801	
<u> </u>	· · · · · · · · · · · · · · · · · · ·	
	A. EPA ID No. of transporter	B. Name of transporter
Site 2	OHD052937885	Chemical Solvents, Inc.
<u> </u>		
C. Addre	ss of transporter-	
Street	1010 Denison Avenue	
	Cleveland	State OH
City	44400	
Zip	44109	·
Site 3	A, EPA ID No. of transporter	B. Name of transporter
	TXR000050930	Safety-Kleen Systems, Inc.
C Addre	ss of transporter	
	5400 Legacy Drive Cluster II, Bldg. 3	·
Street		<del></del>
City	Plano	State TX
Zip	75024	
Site 4	A. EPA ID No. of transporter	B. Name of transporter
Site 4	WID981193998	Schneider National Bulk Carriers
0.44		
C. Addre	ss of transporter	
Street	3101 South Packerland Drive	
City	Green Bay	State WI
Zip	54304	
	97007	
Cit - 5	A. EPA ID No. of transporter	B. Name of transporter
Site 5	UTD981552425	SLT Express
C. Addre	ss of transporter	
Street	176 West Central Avenue	
City	Murray	State UT
Zip	84107	
-ip		
Commen	s:	
ı		

#### ATTACHMENT E

Wheeling Corrugating NPDES Monthly Monitoring Reports
January 2001-December 2003

. . •

BUD. E. SMITH DIRECTOR ENVIRONMENTAL CONTROL (304) 234-2662



January 15, 2002

Director
WV Department of Environmental Protection
Office of Water Resources
1201 Greenbrier Street
Charleston, WV 25311-1088

UPS NEXT DAY AIR (Delivery Confirmation)

Attention: Engineering Branch

Re: WHEELING-PITTSBURGH STEEL CORP.
BEECH BOTTOM PLANT
NPDES PERMIT #WV0004511
DISCHARGE MONITORING REPORT
DECEMBER 2001

#### Gentlemen:

Enclosed is the completed discharge monitoring report for the Beech Bottom Plant of Wheeling-Pittsburgh Steel Corporation covering the month of <u>December 2001</u>

There were no exceedances on the DMR's at the Beech Bottom Plant during the month of **December 2001.** 

If you should have any questions, please contact Tom Waligura at 304 234-2682.

Sincerely,

Bud E. Smith

Director - Environmental Control

**Enclosures** 

cc: Mike Runner, (Whg. Office, WVDEP)

USEPA Region III, NPDES Branch (3WP50)

cc: Field Supervisor & Field Inspector

WV Department of Environmental Protection

**Environmental Enforcement** 

2031 Pleasant Valley Rd.

Suite #1

Fairmont, WV 26554

bcc: P. Barren

L.A. McGee/BB MFile 2.2.1

BES/ECMF 2.2.8.1

Wheeling-Pittsburgh Steel Corporation **COMMERCIAL LABORATORY NAME** Antech Ltd. **FACILITY NAME LOCATION OF FACILITY** Beech Bottom, Brooke County, WV **COMMERCIAL LABORATORY ADDRESS** One Triangle Lane **PERMIT NUMBER** WV0004511 OUTLET NO. 004 Export, PA 15632 Antech Personnel INDIVIDUAL PERFORMING ANALYSIS **WASTELOAD FOR MONTH OF** December 2001

			Qua	ntity				Other	Units			Measurement	Sample	
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Туре	
Flow	Reported	N/A	N/A	N/A	N/A	0	N/A	0.46	0.46	MGD	0	1/Month	Estimate	
50050	Permit Limitation	N/A	N/A	N/A		56	N/A	Monitor	Monitor			1/Month	Estimate	
Solids, Total	Reported	N/A	<15	<15	#/day	0	N/A	<4	<4	mg/l	0	1/Month	Composite	
Suspended 00530	Permit Limitation	N/A	Monitor	Monitor	iii day		N/A	Monitor	Monitor	,		1/Month	Composite	
Oil & Grease	Reported	N/A	<19	<19	#/day	0	N/A	<5	<5	mg/l	0	1/Month	Grab	
00556	Permit Limitation	N/A	Monitor	Monitor			N/A	Monitor	Monitor	- G		1/Month	Grab	
COD	Reported	N/A	138.4	138.4	#/day	0	N/A	36	36	mg/l	0	1/Month	Composite	
00340	Permit Limitation	N/A	Monitor	Monitor	,,,,,,		N/A	Monitor	Monitor			1/Month	Composite	
тос	Reported	N/A	36.9	36.9	#/day	0	N/A	9.6	9.6	mg/l	0	1/Month	Composite	
00680	Permit Limitation	N/A	Monitor	Monitor			N/A	Monitor	Monitor		37.74	1/Month	Composite	
рН	Reported	N/A	N/A	N/A	N/A	0	7.5	N/A	8.4	s.u.	0	1/Week	Grab	
00400	Permit Limitation	N/A	N/A	N/A		n -	6.0	N/A	10.0			1/Week	Grab	
Chloride	Reported	N/A	199.9	199.9	#/day	0	N/A	52	52	mg/l	0	1/Month	Composite	
00940	Permit Limitation	N/A	Monitor	Monitor	iii day		N/A	Monitor	Monitor	,g		1/Month	Composite	
Name of	Principal Exec	utive Officer	L contitue una		46-4 46:		nt and all attac	<b></b>			D	ate Completed		
	James G. Brad	ley	direction or	supervision in a	ccordance	with a sy	ment and all attachments were prepared under my system designed to assure that qualified personnel submitted. Based on my inquiry of the person or				·J	AN 1 5 2002		
	Title of Officer persons who manage the system, or those information, the information submitted is, to						se persons directly responsible for gathering the the best of my knowledge and belief, true, accurate,				the Signature of Principal Executive Officer or Authorized Agent			
F	President and C.	E.O.		te. I am aware e possibility of fin				for submitting false lations.	information,	13.		E. In	int's	

**FACILITY NAME** Wheeling-Pittsburgh Steel Corporation **COMMERCIAL LABORATORY NAME** Antech Ltd. **LOCATION OF FACILITY** Beech Bottom, Brooke County, WV **COMMERCIAL LABORATORY ADDRESS** One Triangle Lane PERMIT NUMBER WV0004511 OUTLET NO. 004 Export, PA 15632 Antech Personnel **WASTELOAD FOR MONTH OF** December 2001 INDIVIDUAL PERFORMING ANALYSIS

		1	Qua	ntity			Other Units					Measurement	Sample
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Туре
Total Manganese	Reported	N/A	6.92	6.92	N/A	0	N/A	1.8	1.8	ma/l	0	1/Month	Composite
01055	Permit Limitation	N/A	Monitor	Monitor			N/A	2	4			1/Month	Composite
Total Zinc	Reported	N/A	0.46	0.46	#/day	0	N/A	120	120	μg/I	0	1/Month	Composite
01092	Permit Limitation	N/A	Monitor	Monitor	#/day		N/A	500	1000	μον		1/Month	Composite
Total Nickel	Reported	N/A	N/A	N/A	#/day	0	N/A	N/A	N/A	μg/i	0	1/Quarter	Composite
01067	Permit Limitation	N/A	Monitor	Monitor	#/uay		N/A	Monitor	Monitor	µg/i		1/Quarter	Composite
Total Lead	Reported	N/A	N/A	N/A	#/day	0	N/A	N/A	N/A	μg/l	0	1/Quarter	Composite
01051	Permit Limitation	N/A	Monitor	Monitor	#/uay		N/A	Monitor	Monitor	μg/ι		1/Quarter	Composite
Total Chromium	Reported	N/A	N/A	N/A	#/day	0	N/A	N/A	N/A	μд/1	0	1/Quarter	Composite
01032	Permit Limitation	N/A	Monitor	Monitor	#/uay		N/A	Monitor	Monitor	μg/i		1/Quarter	Composite
Total Copper	Reported	N/A	N/A	N/A	N/A	0	N/A	N/A	N/A	μg/l	0	1/Quarter	Composite
01042	Permit Limitation	N/A	Monitor	Monitor	IN/A		N/A	Monitor	Monitor	μg/i		1/Quarter	Composite
Name of	Principal Exec	utive Officer	1 4/4		41 -4 41 !			L			D	ate Completed	
	James G. Brad	lley	direction or	supervision in a	cordance	with a sy	stem designed	thments were prepart to assure that qualifi d on my inquiry of t	ed personnel		JA	N 1 5 2002	
	Title of Offic	er	persons white information,	properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate,  Authorized Agent							Officer or		
F	President and C	.E.O.		te. I am aware e possibility of fin				for submitting false plations.	information,	Be		E. Im	with the same

Wheeling-Pittsburgh Steel Corporation **FACILITY NAME COMMERCIAL LABORATORY NAME** Antech Ltd. **LOCATION OF FACILITY** Beech Bottom, Brooke County, WV **COMMERCIAL LABORATORY ADDRESS** One Triangle Lane PERMIT NUMBER WV0004511 OUTLET NO. 004 Export, PA 15632 Antech Personnel WASTELOAD FOR MONTH OF December 2001 INDIVIDUAL PERFORMING ANALYSIS

· · · · · · · · · · · · · · · · · · ·			Qua	ntity				Other	Units			Measurement	Sample
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Type
Total Iron	Reported	N/A	0.69	0.69	#/day	0	N/A	0.18	0.18	mg/l	0	1/Month	Composite
01045	Permit Limitation	N/A	Monitor	Monitor	", au,		N/A	Monitor	Monitor		Assets	1/Month	Composite
Sulfate	Reported	N/A	1460.5	1460.5	#/day	0	N/A	380	380	mg/l	0	1/Month	Composite
00945	Permit Limitation	N/A	Monitor	Monitor	", au		N/A	Monitor	Monitor		(Cont.)	1/Month	Composite
Total Aluminum	Reported	N/A	<0.38	<0.38	#/day	0	N/A	<100	<100	μg/l	0	1/Month	Composite
01105	Permit Limitation	N/A	Monitor	Monitor	widay	***	N/A	Monitor	Monitor	p.g.,		1/Month	Composite
Hardness	Reported	N/A	N/A	N/A		0	N/A	N/A	N/A	mg/l	0	1/Year	Composite
00900	Permit Limitation	N/A	N/A	N/A		7	N/A	N/A	Monitor	liig/i		1/Year	Composite
Acute Toxicity	Reported	N/A	N/A	N/A		0	N/A	N/A	N/A	TUa	0	1/Year	Composite
Daphnia 61425	Permit Limitation	N/A	N/A	N/A			N/A	N/A	2.5	TOa		1/Year	Composite
Acute Toxicity	Reported	N/A	N/A	N/A		0	N/A	N/A	N/A	TUa	0	1/Year	8 Hour Composite
Fathead 61427	Permit Limitation	N/A	N/A	N/A			N/A	N/A	2.5	104		1/Year	8 Hour Composite
Name of	Principal Exec	utive Officer									D	ate Completed	
	James G. Brad	ley	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or						IAN 15	2802			
	Title of Offic	er	persons which information,	o manage the the the information to	system, o submitted	or those is, to the	persons directly best of my kno	y responsible for g wledge and belief, tr	athering the ue, accurate,		ure of Pr	incipal Executive	Officer or
President and C.E.O.  and complete. I am aware that there are signification including the possibility of fine and imprisonments.								information,	Re	ul l	6	-1	

FACILITY NAME
LOCATION OF FACILITY
PERMIT NUMBER
WASTELOAD FOR MONTH OF

Wheeling-Pittsburgh Steel Corporation

Beech Bottom, Brooke County, WV

WV0004511 OUTLET NO. 104

December 2001

COMMERCIAL LABORATORY NAME

INDIVIDUAL PERFORMING ANALYSIS

COMMERCIAL LABORATORY ADDRESS

One Triangle Lane

Antech Ltd.

Export, PA 15632

Antech Personnel

			Qua	ntity				Other		Measurement	Sample		
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Туре
Flow	Reported	N/A	N/A	N/A	N/A	0	N/A	0.017	0.02	MGD	0	2/Month	Estimate
50050	Permit Limitation	N/A	N/A	N/A			N/A	Monitor	0.22			2/Month	Estimate
Solids, Total	Reported	N/A	4.75	8.52	#/day	0	N/A	30	51	mg/l	0	2/Month	Composite
Suspended 00530	Permit Limitation	N/A	24.13	49.34	mrady		N/A	Monitor	Monitor		in delign	2/Month	Composite
Oil & Grease	Reported	N/A	0.12	0.23	#/day	0	N/A	0.7	1.4	mg/l	0	2/Month	Grab
00556	Permit Limitation	N/A	14.46	24.13	,,,,,,		N/A	Monitor	Monitor			2/Month	Grab
COD	Reported	N/A	36.9	36.9	#/day	0	N/A	340	340	mg/l	0	1/Month	Composite
00340	Permit Limitation	N/A	Monitor	Monitor	mraay		N/A	Monitor	Monitor			1/Month	Composite
тос	Reported	N/A	8.038	8.038	#/day	0	N/A	74	74	mg/l	0	1/Month	Composite
00680	Permit Limitation	N/A	Monitor	Monitor	w/ddy	1. 54	N/A	Monitor	Monitor			1/Month	Composite
рH	Reported	N/A	N/A	N/A	N/A	0	8.1	N/A	9.2	s.u.	0	2/Month	Grab
00400	Permit Limitation	N/A	N/A	N/A			6.0	N/A	10.0	0.0.		2/Month	Grab
Sulfate	Reported	N/A	249	249	#/day	0	N/A	2300	2300	mg/l	00	1/Month	Composite
00945	Permit Limitation	N/A	Monitor	Monitor	#/day	4	N/A	Monitor	Monitor	mg/		1/Month	Composite
Name of	Principal Exec	utive Officer	1 416		41-4 41-1			hannata ware mana	and under my		D	ate Completed	
	James G. Brad	ley	direction or	supervision in a	ccordance	with a sy	stem designed	chments were prepar to assure that qualifi d on my inquiry of t	ied personnel		JAN	1 5 2002	
	Title of Offic	er	persons wi	no manage the the information	system, o submitted	or those I is, to the	se persons directly responsible for gathering the the best of my knowledge and belief, true, accurate,				the Signature of Principal Executive Officer or ate, Authorized Agest		
I	President and C.	E.O.		te. I am aware e possibility of fir				for submitting false plations.	information,	Be	ul .	E. In	into

Antech Ltd. Wheeling-Pittsburgh Steel Corporation **COMMERCIAL LABORATORY NAME FACILITY NAME** One Triangle Lane **COMMERCIAL LABORATORY ADDRESS LOCATION OF FACILITY** Beech Bottom, Brooke County, WV Export, PA 15632 OUTLET NO. 104 **PERMIT NUMBER** WV0004511 INDIVIDUAL PERFORMING ANALYSIS Antech Personnel WASTELOAD FOR MONTH OF December 2001

			Qua	ntity				Other		Measurement	Sample		
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Type
Total Iron	Reported	N/A	0.03	0.042	N/A	0	N/A	0.205	0.25	mg/l	0	2/Month	Composite
01045	Permit Limitation	N/A	0.29	0.57	,,,,,,		N/A	Monitor	Monitor			2/Month	Composite
Total Zinc	Reported	N/A	0.044	0.047	#/day	0	N/A	325	370	μg/l	0	2/Month	Composite
01092	Permit Limitation	N/A	0.27	0.61	miday		N/A	Monitor	Monitor	<i>p</i> -3··		2/Month	Composite
Total Cyanide	Reported	N/A	<0.001	<0.002	#/day	0	N/A	<10	<10	μg/l	0	2/Month	Composite
00720	Permit Limitation	N/A	0.05	0.13	maay		N/A	Monitor	Monitor	-5.		2/Month	Composite
Total Chromium	Reported	N/A	<0.001	<0.002	#/day	0	N/A	<10	<10	μg/l	0	2/Month	Composite
01032	Permit Limitation	N/A	0.08	0.19	mady		N/A	Monitor	Monitor			2/Month	Composite
Total Copper	Reported	N/A	0.002	0.003	#/day	0	N/A	14	16	μg/l	0	2/Month	Composite
01042	Permit Limitation	N/A	0.25	0.46	"rady		N/A	Monitor	Monitor			2/Month	Composite
Hardness	Reported	N/A	N/A	N/A	N/A	0	N/A	N/A	N/A	mg/l	0	1/Quarter	Composite
00900	Permit Limitation	N/A	N/A	N/A			N/A	N/A	Monitor			1/Quarter	Composite
Name of	Principal Exec	utive Officer	l andife une	dar nanaltır af laı	shas shi	a daauma	nt and all attac	hmante unra prapar	od under my		D	ate Completed	
	James G. Bradley  I certify under penalty of law that this dod direction or supervision in accordance with properly gather and evaluate the information							to assure that qualifi	ed personnel		'JAN 1	5 2002	
	Title of Offic	er	persons whinformation,	no manage the the the information	system, d submitted	or those I is, to the	persons directly best of my known	y responsible for gowledge and belief, tr	athering the ue, accurate,	Signate		incipal Executive thorized A <b>f</b> ent	Officer or
I	President and C.E.O. and complete. I am awa including the possibility o								information,	Bu	16	· Sm	K

#### January 15, 2002

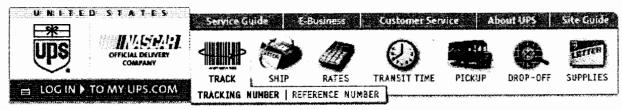
Attachment for the December 2001 DMR's for the Beech Bottom Plant.

#### Beech Bottom Plant

There were no exceedances of the Daily Maximium limitations or Monthly Average limitations at the Beech Bottom Plant in December 2001.

# WHEELING-PITTSBURGH STEEL CORPORATION BEECH BOTTOM PLANT FOURTH QUARTER 2001 SPECIAL SAMPLING DATA

SAMPLE POINT	SAMPLE DATE	PARAMETER	CONCENTRATION (mg/l)
INTAKE WATER WELL	11/07/01	COD TOC TOTAL SUSP. SOLIDS pH (S.U.) TOT. DISS. SOLIDS TOTAL IRON TOTAL MANGANESE CONDUCTIVITY (UMHO)	<5.0 2.2 5 7.3 930 6.5 1.8 470
CONTACT COOLING WATER	11/07/01	COD TOC TOTAL SUSP. SOLIDS pH (S.U.)	230 49 4 7.4



### Tracking Detail

Status: Delivered

Delivered on: Jan 17, 2002 12:12 P.M.

Signed by: HILT

Location: RECEIVER

Delivered to: CHARLESTON, WV, US

Shipped or Billed on: Jan 15, 2002

Tracking Number: S891 2931 316 Service Type: 2ND DAY AIR

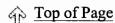
#### PACKAGE PROGRESS

Date	Time	Location	Activity
Jan 17, 2002	12:12 P.M.	CHARLESTON-CHARL, WV, US	DELIVERY
Jan 16, 2002	7:50 P.M.	CHARLESTON, WV, US	OUT FOR DELIVERY
	9:41 A.M.	CHARLESTON, WV, US	ARRIVAL SCAN
	5:15 A.M.	NEW STANTON, PA, US	DEPARTURE SCAN
Jan 15, 2002	11:58 P.M.	NEW STANTON, PA, US	LOCATION SCAN
	11:48 P.M.	NEW STANTON, PA, US	UNLOAD SCAN
	10:30 P.M.	NEW STANTON, PA, US	ARRIVAL SCAN
	9:00 P.M.	WHEELING, WV, US	DEPARTURE SCAN
	8:04 P.M.	US	BILLING INFORMATION
			RECEIVED
	7:16 P.M.	WHEELING, WV, US	ORIGIN SCAN
	5:30 P.M.	WHEELING, WV, US	PICKUP SCAN

Tracking results provided by UPS: Jan 28, 2002 11:31 A.M. Eastern Time (USA)

**NOTICE:** UPS authorizes you to use UPS tracking systems solely to track shipments tendered by or for you to UPS for delivery and for no other purpose. Any other use of UPS tracking systems and information is strictly prohibited.

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BUD. E. SMITH DIRECTOR ENVIRONMENTAL CONTROL (304) 234-2662



December 19, 2001

Director
WV Department of Environmental Protection
Office of Water Resources
1201 Greenbrier Street
Charleston, WV 25311-1088

**UPS NEXT DAY AIR** (Delivery Confirmation)

Attention: Engineering Branch

Re: WHEELING-PITTSBURGH STEEL CORP.
BEECH BOTTOM PLANT
NPDES PERMIT #WV0004511
DISCHARGE MONITORING REPORT
NOVEMBER 2001

#### Gentlemen:

Enclosed is the completed discharge monitoring report for the Beech Bottom Plant of Wheeling-Pittsburgh Steel Corporation covering the month of **November 2001** 

There were no exceedances on the DMR's at the Beech Bottom Plant during the month of November 2001.

If you should have any questions, please contact Tom Waligura at 304 234-2682.

Sincerely,

Bud E. Smith

Director - Environmental Control

Bul E. Smit

#### **Enclosures**

cc: Mike Runner, (Whg. Office, WVDEP)

USEPA Region III, NPDES Branch (3WP50)

cc: Field Supervisor & Field Inspector

WV Department of Environmental Protection

**Environmental Enforcement** 

2031 Pleasant Valley Rd.

Suite #1

Fairmont, WV 26554

bcc: P. Barren

L.A. McGee/BB MFile 2.2.1
BES/ECMF 2.2.8

FACILITY NAME
LOCATION OF FACILITY
PERMIT NUMBER
WASTELOAD FOR MONTH OF

Wheeling-Pittsburgh Steel Corporation

Beech Bottom, Brooke County, WV

WV0004511

November 2001

OUTLET NO. 004

COMMERCIAL LABORATORY NAME
COMMERCIAL LABORATORY ADDRESS
One Triangle Lane
Export, PA 15632

INDIVIDUAL PERFORMING ANALYSIS Antech Personnel

			Qua	ntity				Other		Measurement	Sample		
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Type
Flow	Reported	N/A	N/A	N/A	N/A	0	N/A	0.105	0.105	MGD	0	1/Month	Estimate
50050	Permit Limitation	N/A	N/A	N/A			N/A	Monitor	Monitor			1/Month	Estimate
Solids, Total	Reported	N/A	5	5	#/day	0	N/A	6	6	mg/l	0	1/Month	Composite
Suspended 00530	Permit Limitation	N/A	Monitor	Monitor	#/day		N/A	Monitor	Monitor	ling/i		1/Month	Composite
Oil & Grease	Reported	N/A	<4.4	<4.4	#/day	0	N/A	<5	<5	mg/I	0	1/Month	Grab
00556	Permit Limitation	N/A	Monitor	Monitor	#/day		N/A	Monitor	Monitor	ing/i		1/Month	Grab
COD	Reported	N/A	71.1	71.1	#/day	0	N/A	81	81	mg/l	0	1/Month	Composite
00340	Permit Limitation	N/A	Monitor	Monitor	miday		N/A	Monitor	Monitor	ling.		1/Month	Composite
TOC	Reported	N/A	15.8	15.8	#/day	0	N/A	18	18	mg/l	0	1/Month	Composite
00680	Permit Limitation	N/A	Monitor	Monitor			N/A	Monitor	Monitor			1/Month	Composite
рН	Reported	N/A	N/A	N/A	N/A	0	7.5	N/A	8.0	s.u.	0	1/Week	Grab
00400	Permit Limitation	N/A	N/A	N/A			6.0	N/A	10.0			1/Week	Grab
Chloride	Reported	N/A	219.3	219.3	#/day	0	N/A	250	250	mg/l	0	1/Month	Composite
00940	Permit Limitation	N/A	Monitor	Monitor	n, day		N/A	Monitor	Monitor			1/Month	Composite
Name of	Principal Exec	utive Officer	L cortify up	I certify under penalty of law that this document and all attachments were prepared under my								ate Completed	
	James G. Brad	ley	direction or	supervision in a	cordance	with a sy	stem designed	to assure that qualifi d on my inquiry of t	ed personnel			DEC 1 7 2001	
	Title of Offic	er	persons wi	no manage the the the information	system, d submitted	or those is, to the	persons directly best of my kno	y responsible for gowledge and belief, to	gathering the rue, accurate,	Signat		incipal Executive	Officer or
I	President and C.	and C.E.O. and complete. I am aware that there are including the possibility of fine and imprison							information,	10	Jeul	E. S.	mits

**FACILITY NAME** Wheeling-Pittsburgh Steel Corporation Antech Ltd. **COMMERCIAL LABORATORY NAME LOCATION OF FACILITY** Beech Bottom, Brooke County, WV **COMMERCIAL LABORATORY ADDRESS** One Triangle Lane **PERMIT NUMBER** WV0004511 OUTLET NO. 004 Export, PA 15632 Antech Personnel WASTELOAD FOR MONTH OF November 2001 INDIVIDUAL PERFORMING ANALYSIS

			Qua	ntity				Other	Units			Measurement	Sample	
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Type	
Total Manganese	Reported	N/A	1.67	1.67	N/A	0	N/A	1.9	1.9	mg/l	0	1/Month	Composite	
01055	Permit Limitation	N/A	Monitor	Monitor	19/7		N/A	2	4	ing/i		1/Month	Composite	
Total Zinc	Reported	N/A	0.07	0.07	#/day	0	N/A	83	83	μg/l	0	1/Month	Composite	
01092	Permit Limitation	N/A	Monitor	Monitor	. muay		N/A	500	1000	μ9//		1/Month	Composite	
Total Nickel	Reported	N/A	N/A	N/A	#/day	0	N/A	N/A	N/A	μg/l	0	1/Quarter	Composite	
01067	Permit Limitation	N/A	Monitor	Monitor	irrady		N/A	Monitor	Monitor	-3		1/Quarter	Composite	
Total Lead	Reported	N/A	N/A	N/A	#/day	0	N/A	N/A	N/A	μg/l	0	1/Quarter	Composite	
01051	Permit Limitation	N/A	Monitor	Monitor	"rady		N/A	Monitor	Monitor			1/Quarter	Composite	
Total Chromium	Reported	N/A	N/A	N/A	#/day	0	N/A	N/A	N/A	   μg/l	0	1/Quarter	Composite	
01032	Permit Limitation	N/A	Monitor	Monitor	,,,day		N/A	Monitor	Monitor		3213	1/Quarter	Composite	
Total Copper	Reported	N/A	N/A	N/A	N/A	0	N/A	N/A	N/A	μg/l	0	1/Quarter	Composite	
01042	Permit Limitation	N/A	Monitor	Monitor		44.77	N/A	Monitor	Monitor		416	1/Quarter	Composite	
Name of	Principal Exec	utive Officer	I certify und	der nenalty of lay	w that thi	s docume	nt and all attac	hments were prepar	ed under my			ate Completed		
	James G. Brad	ley	direction or properly ga	supervision in action ther and evaluate	ccordance the info	with a sy rmation su	ment and all attachments were prepared under my system designed to assure that qualified personnel submitted. Based on my inquiry of the person or				nel DEC 1 7 2001			
	Title of Offic	er	information	the information	submitted	l is, to the	best of my kno	y responsible for gowledge and belief, to	rue, accurate,	Signat		incipal Executive ithorized Agen	Officer or	
I	President and C.	.E.O.		ete. I am aware e possibility of fin				for submitting false lations.	information,	13	ul	E. In	-	

FACILITY NAME	Wheeling-Pittsburgh Steel Corporation	COMMERCIAL LABORATORY NAME	Antech Ltd.
LOCATION OF FACILITY	Beech Bottom, Brooke County, WV	COMMERCIAL LABORATORY ADDRESS	One Triangle Lane
PERMIT NUMBER	WV0004511 OUTLET NO. 004		Export, PA 15632
WASTELOAD FOR MONTH OF	November 2001	INDIVIDUAL PERFORMING ANALYSIS	Antech Personnel

			Qua	ntity				Other	Units			Measurement	Sample
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Type
Total Iron	Reported	N/A	0.18	0.18	#/day	0	N/A	0.21	0.21	mg/l	0	1/Month	Composite
01045	Permit Limitation	N/A	Monitor	Monitor	#/uay		N/A	Monitor	Monitor	l light		1/Month	Composite
Sulfate	Reported	N/A	438.7	438.7	#/day	0	N/A	500	500	mg/l	0	1/Month	Composite
00945	Permit Limitation	N/A	Monitor	Monitor	,		N/A	Monitor	Monitor			1/Month	Composite
Total Aluminum	Reported	N/A	<0.088	<0.088	#/day	0	N/A	<100	<100	μg/l	0	1/Month	Composite
01105	Permit Limitation	N/A	Monitor	Monitor	•		N/A	Monitor	Monitor			1/Month	Composite
Hardness	Reported	N/A	N/A	N/A		0	N/A	N/A	N/A	mg/l	0	1/Year	Composite
00900	Permit Limitation	N/A	N/A	N/A			N/A	N/A	Monitor			1/Year	Composite
Acute Toxicity	Reported	N/A	N/A	N/A		0	N/A	N/A	N/A	TUa	0	1/Year	Composite
Daphnia 61425	Permit Limitation	N/A	N/A	N/A			N/A	N/A	2.5			1/Year	Composite
Acute Toxicity	Reported	N/A	N/A	N/A		0	N/A	N/A	N/A	TUa	0	1/Year	8 Hour Composite
Fathead 61427	Permit Limitation	N/A	N/A	N/A	V ₄		N/A	N/A	2.5			1/Year	8 Hour Composite
Name of	Principal Exec	utive Officer		dar nanaltı af laı	that this	dooumo	nt and all attac	hmante unra prapar	ad under my		D	ate Completed	
	James G. Brad	ley	direction or	supervision in a	with a sy	stem designed	hments were prepar to assure that qualifi d on my inquiry of t	ed personnel		DEC	1 7 2001		
	Title of Officer persons who manage the system, or the information, the information submitted is, to						persons directly best of my known	y responsible for gowledge and belief, to	pathering the rue, accurate,	Signat		incipal Executive thorized Agent <b>5</b>	Officer or
)	President and C.E.O. and complete. I am aware that there are s including the possibility of fine and imprisonn								information,	10	enl	E. J	mits

FACILITY NAME
LOCATION OF FACILITY
PERMIT NUMBER
WASTELOAD FOR MONTH OF

Wheeling-Pittsburgh Steel Corporation

Beech Bottom, Brooke County, WV

OUTLET NO. 104

WV0004511

COMMERCIAL LABORATORY NAME
COMMERCIAL LABORATORY ADDRESS

Antech Ltd.
One Triangle Lane

Export, PA 15632
Antech Personnel

November 2001 - INDIVIDUAL PERFORMING ANALYSIS

		T	Qua	ntity			1	Other	Units			Measurement	Sample
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Type
Flow	Reported	N/A	N/A	N/A	N/A	0	N/A	0.028	0.028	MGD	0	1/Month*	Estimate
50050	Permit Limitation	N/A	N/A	N/A	I IVA		N/A	Monitor	0.22	5		2/Month	Estimate
Solids, Total	Reported	N/A	1.4	1.4	#/day	0	N/A	6	6	mg/l	0	1/Month*	Composite
Suspended 00530	Permit Limitation	N/A	24.13	49.34	#/Oay		N/A	Monitor	Monitor	ling/i		2/Month	Composite
Oil & Grease	Reported	N/A	<1.17	<1.17	#/day	0	N/A	<5	<5	mg/l	0	1/Month*	Grab
00556	Permit Limitation	N/A	14.46	24.13	#/Uay	10 A	N/A	Monitor	Monitor	mg/		2/Month	Grab
COD	Reported	N/A	8.4	8.4	#/day	0	N/A	36	36	mg/l	0	1/Month	Composite
00340	Permit Limitation	N/A	Monitor	Monitor	#/GLY		N/A	Monitor	Monitor			1/Month	Composite
TOC	Reported	N/A	2.035	2.035	#/day	0	N/A	8.7	8.7	mg/l	0	1/Month	Composite
00680	Permit Limitation	N/A	Monitor	Monitor		14.3	N/A	Monitor	Monitor			1/Month	Composite
рН	Reported	N/A	N/A	N/A	N/A	0	9.1	N/A	. 9.1	s.u.	0	1/Month*	Grab
00400	Permit Limitation	N/A	N/A	N/A			6.0	N/A	10.0			2/Month	Grab
Sulfate	Reported	N/A	280	280	#/day	0	N/A	1200	1200	mg/l	0	1/Month	Composite
00945	Permit Limitation	N/A	Monitor	Monitor	mody.		N/A	Monitor	Monitor			1/Month	Composite
Name of	Principal Exec	utive Officer	L cortifu un	dar nanalty of la	w that th	ie docume	ont and all attac	hments were prepar	red under my		D	ate Completed	
	James G. Bradley  direction or supervision in accordance with a properly gather and evaluate the information						ystem designed	to assure that qualif	ied personnel		DEC 1	7 2001	
	Title of Offic	er	persons w	ersons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate,						Signature of Principal Executive Officer or Authorized Agent 6			
President and C.E.O. and complete. I am aware including the possibility of the possibilit						e are sign prisonmen	ificant penalties t for knowing vic	for submitting false plations.	e information,	1	end	E. 1	mits

^{*}Plant was down for holiday 11/19/01 - 11/23/01

^{*}Not enough water to collect sample 11/29/01.

**FACILITY NAME LOCATION OF FACILITY PERMIT NUMBER** WASTELOAD FOR MONTH OF

Wheeling-Pittsburgh Steel Corporation Beech Bottom, Brooke County, WV WV0004511 OUTLET NO. 104

November 2001

COMMERCIAL LABORATORY NAME **COMMERCIAL LABORATORY ADDRESS**  Antech Ltd. One Triangle Lane

Export, PA 15632

INDIVIDUAL PERFORMING ANALYSIS Antech Personnel

			Qua	ntity				Other	Units			Measurement	Sample
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Type
Total Iron	Reported	N/A	<0.02	<0.02	N/A	0	N/A	<0.07	<0.07	mg/l	0	1/Month*	Composite
01045	Permit Limitation	N/A	0.29	0.57	1071		N/A	Monitor	Monitor			2/Month	Composite
Total Zinc	Reported	N/A	0.026	0.026	#/day	0	N/A	110 .	110	μg/l	0	1/Month*	Composite
01092	Permit Limitation	N/A	0.27	0.61	miday		N/A	Monitor	Monitor	, , , , , , , , , , , , , , , , , , ,		2/Month	Composite
Total Cyanide	Reported	N/A	<0.002	<0.002	#/day	0	N/A	<10	<10	μg/l	0	1/Month*	Composite
00720	Permit Limitation	N/A	0.05	0.13	#/day		N/A	Monitor	Monitor	, rg.		2/Month	Composite
Total Chromium	Reported	N/A	<0.002	<0.002	#/day	0	N/A	<10	<10	μg/l	0	1/Month*	Composite
01032	Permit Limitation	N/A	0.08	0.19	#rday		N/A	Monitor	Monitor	F-9.		2/Month	Composite
Total Copper	Reported	N/A	<0.002	<0.002	#/day	0	N/A	<10	<10	μg/l	0	1/Month*	Composite
01042	Permit Limitation	N/A	0.25	0.46	mady		N/A	Monitor	Monitor	-5"		2/Month	Composite
Hardness	Reported	N/A	N/A	N/A	N/A	0	N/A	N/A	N/A	mg/l	0	1/Quarter	Composite
00900	Permit Limitation	N/A	N/A	N/A			N/A	N/A	Monitor	l.ng/i		1/Quarter	Composite
Name of	Principal Exec	utive Officer		I certify under penalty of law that this document and all attachments were prepare							D	ate Completed	
	James G. Brad	ley	direction or	supervision in a	ccordance	with a sy	stem designed	to assure that qualifi	ed personnel		D	EC 1 7 2001	
	Title of Office	er	persons wi	properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gat information, the information submitted is, to the best of my knowledge and belief, true				athering the ue, accurate,	Signat		incipal Executive thorized Agent	Officer or	
1	President and C	.E.O.		te. I am aware e possibility of fin				for submitting false lations.	information,	1-	end	6.	· A

^{*}Plant was down for holiday 11/19/01 – 11/23/01 *Not enough water to collect sample 11/29/01.

### STATE OF WEST VIRGINIA STREAM SAMPLING REPORT FORM

Company Name:	w neeling-Pittsburgh Ste	eei Corporation		
Location:	Beech Bottom, WV	Permit Number:	WV00045	11
Type of Activity:	Landfill:	Spra	y Irrigation:	
Other (Describe):	Storm Water Runoff	_ Stream Sampling	g Station No.:	2
Type of Sampling:	Mine Run (downstream)	) at the confluence wi	ith the Ohio Riv	ver
Type of Sampling:	X Grab:	Composite:	Other	(Describe):
Date:	November 2001	Stream Flow:	720	GPD

PARAMETER	CONCENTRATION	UNITS
Oil and Grease	<5	mg/l
Chromium (Total)	0.012	mg/l
Copper (Total)	0.014	mg/l
Iron (Total)	7.5	mg/l
Zinc (Total)	0.071	mg/l
pН	7.7	mg/l

#### STATE OF WEST VIRGINIA STREAM SAMPLING REPORT FORM

Company Name:	Wheelin	g-Pittsburgh St	eel Corporation		
Location:	Beech B	ottom, WV	Permit Numbe	er: WV000	14511
Type of Activity:		Landfill:	S _F	oray Irrigation	:
Other (Describe):	Storm W	ater Runoff	Stream Sampli	ing Station No.	.:1
Type of Sampling:	Mine Ru	n (upstream) a	djacent to Route 2		
Type of Sampling:	X	Grab:	Composite:	Oth	er (Describe):
Date:	Novemb	er 2001	Stream Flow:	720	GPD

PARAMETER	CONCENTRATION	UNITS
Oil and Grease	<5	mg/l
Chromium (Total)	0.0013	mg/l
Copper (Total)	0.0051	mg/l
Iron (Total)	0.92	mg/l
Zinc (Total)	0.036	mg/l
pH	7.5	mg/l

#### December 19, 2001

Attachment for the November 2001 DMR's for the Beech Bottom Plant.

#### Beech Bottom Plant

There were no exceedances of the Daily Maximium limitations or Monthly Average limitations at the Beech Bottom Plant in November 2001.

BUD. E. SMITH DIRECTOR ENVIRONMENTAL CONTROL (304) 234-2662



November 15, 2001

Director
WV Department of Environmental Protection
Office of Water Resources
1201 Greenbrier Street
Charleston, WV 25311-1088

UPS NEXT DAY AIR (Delivery Confirmation)

Attention: Engineering Branch

Re: WHEELING-PITTSBURGH STEEL CORP.
BEECH BOTTOM PLANT
NPDES PERMIT #WV0004511
DISCHARGE MONITORING REPORT
OCTOBER 2001

#### Gentlemen:

Enclosed is the completed discharge monitoring report for the Beech Bottom Plant of Wheeling-Pittsburgh Steel Corporation covering the month of <u>October 2001</u>

There were no exceedances on the DMR's at the Beech Bottom Plant during the month of October 2001. Attached is the annual bioassay report for the Beech Bottom plant's outfall 004.

If you should have any questions, please contact Tom Waligura at 304 234-2682.

Sincerely,

Bud E. Smith

Director - Environmental Control

#### Enclosures

cc: Joe Hickman (Whg. Office, WVDEP)

USEPA Region III, NPDES Branch (3WP50)

cc: Field Supervisor & Field Inspector

WV Department of Environmental Protection

**Environmental Enforcement** 

2031 Pleasant Valley Rd.

Suite #1

Fairmont, WV 26554

bcc: P. Barren

L.A. McGee/BB MFile 2.2.1

-BES/ECMF 2.2.8.1

FACILITY NAME	Wheeling-Pittsburgh Steel Corporation	COMMERCIAL LABORATORY NAME	Antech Ltd.
LOCATION OF FACILITY	Beech Bottom, Brooke County, WV	COMMERCIAL LABORATORY ADDRESS	One Triangle Lane
PERMIT NUMBER	WV0004511 <b>OUTLET NO.</b> 004		Export, PA 15632
WASTELOAD FOR MONTH OF	October 2001	INDIVIDUAL PERFORMING ANALYSIS	Antech Personnel

			Qua	ntity				Other	Units			Measurement	Sample
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Туре
Flow	Reported	N/A	N/A	N/A	N/A	0	N/A	0.14	0.14	MGD	0	1/Month	Estimate
50050	Permit Limitation	N/A	N/A	N/A		3	N/A	Monitor	Monitor			1/Month	Estimate
Solids, Total	Reported	N/A	13	13	#/day	0	N/A	11	11	ma/l	0	1/Month	Composite
Suspended 00530	Permit Limitation	N/A	Monitor	Monitor	muay	ar in part	N/A	Monitor	Monitor	liig/i		1/Month	Composite
Oil & Grease	Reported	N/A	<5.84	<5.84	#/day	0	N/A	<5.0	<5.0	mg/l	0	1/Month	Grab
00556	Permit Limitation	N/A	Monitor	Monitor	mrady		N/A	Monitor	Monitor			1/Month	Grab
COD	Reported	N/A	128.7	128.7	#/day	0	N/A	110	110	mg/l	0	1/Month	Composite
00340	Permit Limitation	N/A	Monitor	Monitor			N/A	Monitor	Monitor			1/Month	Composite
TOC	Reported	N/A	26.9	26.9	#/day	0	N/A	23	23	ma/l	0	1/Month	Composite
00680	Permit Limitation	N/A	Monitor	Monitor			N/A	Monitor	Monitor		il perg	1/Month	Composite
рН	Reported	N/A	N/A	N/A	N/A	0	7.4	N/A	8.1	s.u.	0	1/Week	Grab
00400	Permit Limitation	N/A	N/A	N/A			6.0	N/A	10.0			1/Week	Grab
Chloride	Reported	N/A	64.3	64.3	#/day	0	N/A	55	55	mg/l	0	1/Month	Composite
00940	Permit Limitation	N/A	Monitor	Monitor		, a.,	N/A	Monitor	Monitor			1/Month	Composite
Name of	Principal Exec	utive Officer	L certify und	lar nanalty of lay	u that this	e docume	nt and all attac	hments were prepare	ad under my		D	ate Completed	
	James G. Brad	ley	direction or	supervision in ac	cordance	with a sy	stem designed (	to assure that qualified on my inquiry of the	ed personnel	1	1-15-	01	
Title of Officer persons who manage the system, or those information, the information submitted is, to the					or those   is, to the	persons directly best of my kno	y responsible for g wledge and belief, tr	athering the ue, accurate,	Signati		incipal Executive thorized Agent	Officer or	
F	resident and C.	C.E.O. and complete. I am aware that there are si including the possibility of fine and imprisonm					nificant penalties for submitting false information, nt for knowing violations.			Rul & hin			

FACILITY NAME	Wheeling-Pittsburgh Steel Corporation	COMMERCIAL LABORATORY NAME	Antech Ltd.
LOCATION OF FACILITY	Beech Bottom, Brooke County, WV	COMMERCIAL LABORATORY ADDRESS	One Triangle Lane
PERMIT NUMBER	WV0004511 OUTLET NO. 004	_	Export, PA 15632
WASTELOAD FOR MONTH OF	October 2001	INDIVIDUAL PERFORMING ANALYSIS	Antech Personnel

			Qua	ntity				Other	Units			Measurement	Sample	
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Type	
Total														
Manganese	Reported	N/A	1.64	1.64	N/A	0	N/A	1.4	1.4	mg/l	0	1/Month	Composite	
01055	Permit Limitation	N/A	Monitor	Monitor			N/A	2	4			1/Month	Composite	
Total	Lillitation	INA	INIOIIIOI	MONITO		140645555	IVA		ļ		\$45.46.36.36	1777(01)	Composito	
Zinc	Reported	N/A	0.19	0.19	#/day	0	N/A	160	160	μg/l	0	1/Month	Composite	
	Permit				#/day	A149-75				] μα		404 11		
01092	Limitation	N/A	Monitor	Monitor			N/A	500	1000	ļ	J-487770V	1/Month	Composite	
Total Nickel	Reported	N/A	<0.046	<0.046		0	N/A	<40	<40		0	1/Quarter	Composite	
, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Permit		3,3,7,		#/day					μg/l				
01067	Limitation	N/A	Monitor	Monitor			N/A	Monitor	Monitor		TO THE STATE OF TH	1/Quarter	Composite	
Total												4/0	C	
Lead	Reported	N/A	0.001	0.001	#/day	0	N/A	11	1	μg/l	0	1/Quarter	Composite	
01051	Permit Limitation	N/A	Monitor	Monitor			N/A	Monitor	Monitor			1/Quarter	Composite	
Total						N. S.								
Chromium	Reported	N/A	<0.012	<0.012	#/day	0	N/A	<10	<10	μg/l	0	1/Quarter	Composite	
	Permit				"'day					l mg.				
01032	Limitation	N/A	Monitor	Monitor		State State	N/A	Monitor	Monitor			1/Quarter	Composite	
Total Copper	Reported	N/A	<0.012	<0.012		0	N/A	<10	<10		0	1/Quarter	Composite	
Соррег	Permit	I IVA	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	10.012	N/A		10/2	-10		μg/l	F-1000000	17 00 011 (01	- Composito	
01042	Limitation	N/A	Monitor	Monitor			N/A	Monitor	Monitor			1/Quarter	Composite	
Name of	Principal Exec	utive Officer									D	ate Completed		
							nent and all attachments were prepared under my system designed to assure that qualified personnel				11-15-01			
	Title of Officer persons who manage the system, or those information, the information submitted is, to							y responsible for g	gathering the	Signat		incipal Executive thorized Agent	Officer or	
I	President and C.E.O. and complete. I am aware that the including the possibility of fine and						ficant penalties	for submitting false		7	Ben	18.	1.	

FACILITY NAME	Wheeling-Pittsburgh Steel Corporation	COMMERCIAL LABORATORY NAME	Antech Ltd.
LOCATION OF FACILITY	Beech Bottom, Brooke County, WV	COMMERCIAL LABORATORY ADDRESS	One Triangle Lane
PERMIT NUMBER	WV0004511 OUTLET NO. 004		Export, PA 15632
WASTELOAD FOR MONTH OF	F October 2001	INDIVIDUAL PERFORMING ANALYSIS	Antech Personnel
	Quantity	Other Units	Measurement Sample

			Qua	intity				Other		Measurement	Sample		
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Type
Total Iron	Reported	N/A	0.19	0.19	#/day	0	N/A	0.16	0.16	mg/l	0	1/Month	Composite
01045	Permit Limitation	N/A	Monitor	Monitor	#/Uay		N/A	Monitor	Monitor	ing/i		1/Month	Composite
Sulfate	Reported	N/A	666.8	666.8	#/day	0	N/A	570	570	mg/l	0	1/Month	Composite
00945	Permit Limitation	N/A	Monitor	Monitor			N/A	Monitor	Monitor			1/Month	Composite
Total Aluminum	Reported	N/A	<0.117	<0.117	#/day	0	N/A	<100	<100	<u>μ</u> g/l	0	1/Month	Composite
01105	Permit Limitation	N/A	Monitor	Monitor	#/day		N/A	Monitor	Monitor	-3.		1/Month	Composite
Hardness	Reported	N/A	N/A	N/A		0	N/A	N/A	N/A	mg/l	0	1/Year	Composite
00900	Permit Limitation	N/A	N/A	N/A			N/A	N/A	Monitor	liig/i		1/Year	Composite
Acute Toxicity	Reported	N/A	N/A	N/A		0	N/A	N/A	<1.0	TUa	0	1/Year	Composite
Daphnia 61425	Permit Limitation	N/A	N/A	N/A			N/A	N/A	2.5	100		1/Year	Composite
Acute Toxicity	Reported	N/A	N/A	N/A		0	N/A	N/A	<1.0	TUa	0	1/Year	8 Hour Composite
Fathead 61427	Permit Limitation	N/A	N/A	N/A			N/A	N/A	2.5	100		1/Year	8 Hour Composite
Name of	Principal Exec	utive Officer									D	ate Completed	
	James G. Brad	ley	direction or	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or						11-15-01			
	Title of Officer			, the information	submitted	is, to the	best of my kno	y responsible for g	ue, accurate,	Signat		incipal Executive thorized Agent	Officer or
F	President and C.E.O.			ete. I am aware to be possibility of fin				for submitting false lations.	information,	1	Ray	18.	[ -

FACILITY NAME
LOCATION OF FACILITY
PERMIT NUMBER
WASTELOAD FOR MONTH OF

Wheeling-Pittsburgh Steel Corporation

Beech Bottom, Brooke County, WV

COMMERCIAL LABORATORY NAME
COMMERCIAL LABORATORY ADDRESS

Antech Ltd.
One Triangle Lane
Export, PA 15632

WV0004511 OUTLET NO. 104
October 2001

INDIVIDUAL PERFORMING ANALYSIS

Antech Personnel

		Quantity					Other Units					Measurement	Sample
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Type
Flow	Reported	N/A	N/A	N/A	N/A	0	N/A	0.025	0.029	MGD	0	2/Month	Estimate
50050	Permit Limitation	N/A	N/A	N/A	11//		N/A	Monitor	0.22	MIGD		2/Month	Estimate
Solids, Total	Reported	N/A	1.97	2.18	#/day	0	N/A	9.5	10	mg/l	0	2/Month	Composite
Suspended 00530	Permit Limitation	N/A	24.13	49.34			N/A	Monitor	Monitor			2/Month	Composite
Oil & Grease	Reported	N/A	<1.04	<1.21	#/day	0	N/A	<5.0	<5.0	mg/l	0	2/Month	Grab
00556	Permit Limitation	N/A	14.46	24.13			N/A	Monitor	Monitor		Jayla Me	2/Month	Grab
COD	Reported	N/A	38.8	38.8	#/day	0	N/A	160	160	mg/l	0	1/Month	Composite
00340	Permit Limitation	N/A	Monitor	Monitor			N/A	Monitor	Monitor			1/Month	Composite
TOC	Reported	N/A	8.481	8.481	#/day	0	N/A	35	35	mg/l	0	1/Month	Composite
00680	Permit Limitation	N/A	Monitor	Monitor			N/A	Monitor	Monitor			1/Month	Composite
ρН	Reported	N/A	N/A	N/A	N/A	0	8.3	N/A	9.7	s.u.	0	2/Month	Grab
00400	Permit Limitation	N/A	N/A	N/A		6.0	N/A	10.0	5.0.		2/Month	Grab	
Sulfate	Reported	N/A	483.72	483.72	#/day	0	N/A	2000	2000	mg/i	0	1/Month	Composite
00945	Permit Limitation	N/A	Monitor	Monitor	#/Gay		N/A	Monitor	Monitor			1/Month	Composite
Name of	Principal Exec									D	ate Completed		
	James G. Brad	direction or	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or					ied personnel	11-15-01				
	Title of Offic	persons wi	persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate,					gathering the rue, accurate,	Signature of Principal Executive Officer or Authorized Agent				
F	President and C		ete. I am aware ne possibility of fir				for submitting false lations.	information,	1	Seul	18.	· ·	

Antech Ltd. Wheeling-Pittsburgh Steel Corporation **COMMERCIAL LABORATORY NAME FACILITY NAME** One Triangle Lane **LOCATION OF FACILITY** Beech Bottom, Brooke County, WV **COMMERCIAL LABORATORY ADDRESS** OUTLET NO. 104 Export, PA 15632 **PERMIT NUMBER** WV0004511 INDIVIDUAL PERFORMING ANALYSIS Antech Personnel WASTELOAD FOR MONTH OF October 2001

		Qua	Quantity				Other Units				Measurement	Sample	
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Type
Total Iron	Reported	N/A	0.06	0.11	N/A	0	N/A	0.225	0.45	mg/l	0	2/Month	Composite
01045	Permit Limitation	N/A	0.29	0.57	13//	(1) (A) (A)	N/A	Monitor	Monitor	l ligh		2/Month	Composite
Total Zinc	Reported	N/A	0.05	0.08	#/day	0	N/A	230	310	μg/l	0	2/Month	Composite
01092	Permit Limitation	N/A	0.27	0.61			N/A	Monitor	Monitor	,,,,		2/Month	Composite
Total Cyanide	Reported	N/A	<0.002	<0.002	#/day	0	N/A	<10	<10	μg/l	0	2/Month	Composite
00720	Permit Limitation	N/A	0.05	0.13			N/A	Monitor	Monitor			2/Month	Composite
Total Chromium	Reported	N/A	0.002	0.004	#/day	0	N/A	7.5	15	μg/l	0	2/Month	Composite
01032	Permit Limitation	N/A	0.08	0.19			N/A	Monitor	Monitor			2/Month	Composite
Total Copper	Reported	N/A	<0.002	<0.002	#/day	0	N/A	<10	<10	_ _ μg/l	0	2/Month	Composite
01042	Permit Limitation	N/A	0.25	0.46			N/A	Monitor	Monitor		4.65	2/Month	Composite
Hardness	Reported	N/A	N/A	N/A	N/A	0	N/A	N/A	1100	mg/l	0	1/Quarter	Composite
00900	Permit Limitation	N/A	N/A	N/A			N/A	N/A	Monitor			1/Quarter	Composite
Name of	Principal Exec	L aadifu uu	der senelle of les	that this	, documo	, nt and all attac	hmante unra nranze	ad under my		Da	ate Completed		
	James G. Brad	direction or properly ga	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or					11-15-01					
Title of Officer			persons wi	persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information,							Officer or		
l	President and C	and comple including th	te. I am aware e possibility of fin	that there le and imp	are signi risonment	ticant penalties for knowing vio	tor submitting false lations.	intormation,	1	hul	6.		

#### November 15, 2001

Attachment for the October 2001 DMR's for the Beech Bottom Plant.

#### Beech Bottom Plant

There were no exceedances of the Daily Maximium limitations or Monthly Average limitations at the Beech Bottom Plant in October 2001.

PIMEPHALES PROMELAS
AND DAPHNIA MAGNA
ACUTE DEFINITIVE
TOXICITY TEST RESULTS
OF A
WHEELING-PITTSBURGH STEEL
BEECH BOTTOM PLANT
EFFLUENT (004)
OCTOBER 18-20, 2001

ATEL Lab # 13248

#### PREPARED FOR:

WHEELING-PITTSBURGH STEEL CORP.
BEECH BOTTOM PLANT
ROUTE 2, BOX 37
BEECH BOTTOM, WV

Richard F. Rupp Senior Biologist

Paul J. Crerar Biological Manager

Michael J. Herdlick Quality Assurance Officer

# ACUTE TOXICITY TESTS SUMMARY OF RESULTS WHEELING-PITTSBURGH STEEL BEECH BOTTOM PLANT EFFLUENT 004 OCTOBER 18-20, 2001

### WPSC Beech Bottom Plant Effluent 004

	48-hour % mortality	48-hour LC50	<u>TUa</u>
Pimephales promelas	30%	>100%	<1.0
Daphnia magna	0%	>100%	<1.0

TUa - (Acute Toxic Units) = 100/LC50

<u>Comments</u>: The Beech Bottom Plant effluent 004 sample collected 10/16-17/01 was not acutely toxic (LC50 = >100%) to the fathead minnows or to the *Daphnia magna* after a 48-hour exposure.

#### BIOMONITORING REPORT FORM

#### GENERAL INFORMATION

- I. Facility Name: Wheeling-Pittsburgh Steel
  Beech Bottom Plant
- Reporting Date:

- 2. Address: Route 2, Box 37

  Beech Bottom, WV 26030
- 3. State Permit Number: 4. NPDES Permit No.: WV0004511
- 5. Facility Contact: <u>Jim Howell</u> 6. Phone No.: <u>(304) 234 4223</u>
- 7. Consultant/Testing Lab Name: Aqua Tech Environmental Laboratories Inc.
- 8. Consultant Lab Contact: Paul Crerar or Dick Rupp 9. Phone No.: (419) 397-2659
- 10. Receiving Water(s) of Discharge:
- 11. Outfall(s) Tested: <u>004</u>
  Average Daily Flows:
  on Day Sampled (MGD)

# NPDES Permit No.: WV0004511 (WPSC Beech Bottom Plant) Page 2 of 7 ACUTE TOXICITY TEST SAMPLING DATA

#### Table 1.

Sampling Summary for Acute Toxicity Tests								
Sampling Location and Description  Final Effluent: Outfall No.: 004 Type (Grab/Comp.): comp. Volume Collected: 1 gal.	Sample ( Beginning MM/DD/Time 10/16/	Collection Ending MM/DD/Time  10/17/	Weather/Receiving Stream Conditions					
Upstream Station: Waterbody: Ohio River Station No.: Type (Grab/Comp.): grab Volume Collected: 1 gal.	10/	17/						
Downstream Station (Near-field): Waterbody: Station No.: Type (Grab/Comp.): Volume Collected:								
Additional Stations (If Needed): Waterbody: Station No.: Type (Grab/Comp.): Volume Collected:			,					
Waterbody: Station No.: Type (Grab/Comp.): Volume Collected:			·					

### NPDES Permit No.: WV0004511 (WPSC Beech Bottom Plant) Page 3 of 7

#### PIMEPHALES PROMELAS ACUTE TOXICITY TEST CONDITIONS

#### Table 2.

	Summary of Toxicity Test Cond	litions (EPA/600/4-90/ 027F, Aug. 93)
1.	Test Species and Age:	Pimephales promelas 14 days old
2.	Test Type and Duration:	Static non-renewal; 48 hours
3.	Test Dates:	10/18-20/01
4.	Test Temperature (°C):	25°C <u>+</u> 1°C
5.	Light Quality:	Ambient laboratory illumination
6.	Photoperiod:	16 h light, 8 h dark
7.	Feeding Regime:	Not fed during 48-hour test
8.	Size of Test Vessel:	600 mL glass beaker
9.	Volume and Depth of Test Solutions:	250 mL, 4.1 cm deep
10.	No. of Test Organisms per Test Vessel:	10 per test vessel
11.	No. of Test Vessels per Test Solution:	2 per solution tested
12.	Total No. of Test Organisms per Test Solution:	20 per solution tested
13.	Test Concentrations (as percent by volume effluent):	100, 50, 25, 12.5 and 6.25% effluent (004)
14.	Renewal of Test Solutions:	None
15.	Dilution Control Water:	Upstream grab
16.	Secondary Control Water:	Lab water (1.5 well/6.5 RO)
17.	Test Chamber Aeration:	None, unless DO <4.0 mg/L; rate should not exceed 100 bubbles per minute.
18.	Endpoints Measured:	Mortality (LC50)
19.	Test Acceptability Criterion:	90% or greater survival in controls

# NPDES Permit No.: WV0004511 (WPSC Beech Bottom Plant) Page 4 of 7 DAPHNIA MAGNA ACUTE TOXICITY TEST CONDITIONS

#### Table 3.

ı a	Summary of Toxicity Test Cond	litions (EPA/600/4-90/ 027E Aug. 93)
	Summary or Toxicity Test Cond	itions (EPA/600/4-90/ 027F, Aug. 93)
1.	Test Species and Age:	Daphnia magna 4-24 hours old
2.	Test Type and Duration:	Static non-renewal; 48 hours
3.	Test Dates:	10/18-20/01
4.	Test Temperature (°C):	25°C <u>+</u> 1°C
5.	Light Quality:	Ambient laboratory illumination
6.	Photoperiod:	16 h light, 8 h dark
7.	Feeding Regime:	Not fed during 48-hour test
8.	Size of Test Vessel:	30 mL plastic cups
9.	Volume and Depth of Test Solutions:	25 mL, 31 mm deep
10.	No. of Test Organisms per Test Vessel:	5 per test vessel
11.	No. of Test Vessels per Test Solution:	4 per solution tested
12.	Total No. of Test Organisms per Test Solution:	20 per solution tested
13.	Test Concentrations (as percent by volume effluent):	100, 50, 25, 12.5 and 6.25% effluent (004)
14.	Renewal of Test Solutions:	None
15.	Dilution Control Water:	Upstream grab
16.	Secondary Control Water:	Lab water (1.5 well/6.5 RO)
17.	Test Chamber Aeration:	None
18.	Endpoints Measured:	Mortality (LC50)
19.	Test Acceptability Criterion:	90% or greater survival in controls

NPDES Permit No. <u>WV0004511</u> (WPSC Beech Bottom Plant) Page <u>5</u> of <u>7</u> Table 4. ACUTE TOXICITY TEST RESULTS FOR *PIMEPHALES PROMELAS* 

		las 48-Hour Static A 1 Using Effluent fro	Acute Toxicity Test Conducted om Outfall <u>004</u> .
Test Solutions	Cumulative P 24-HR	Percent Mortality 48-HR	LC50 Values (methods used)* 24-HR 48-HR
Lab Control (diluent) Upstream Control	<u> </u>	0	>100 >100 (ND)
6.25% Effluent	0	0	LC50 95% Confidence Limits  24-HR 48-HR
12.5% Effluent 25% Effluent			LL ND ND UL ND ND
50% Effluent	5	5	LL = Lower Limit UL = Upper Limit
100% Effluent	30	30	48-Hour TUa (100/LC50) = <1.0

^{* -} methods used to determine LC50: P - Probit Method, SK - Spearman-Karber Method, TSK - Trimmed Spearman-Karber Method, G - Graphical Method, ND - could not determine.

NPDES Permit No. WV0004511 (WPSC Beech Bottom Plant) Page 6 of 7
Table 5. ACUTE TOXICITY TEST RESULTS FOR DAPHNIA MAGNA

4	Daphnia magna 4 0/18/01 to 10/20/01		nte Toxicity Test Conducted m Outfall <u>004</u> .
Test Solutions		ercent Mortality	LC50 Values (methods used)*
	24-HR	48-HR	24-HR 48-HR
Lab Control	0	0	>100% >100%
(diluent) Upstream Control	0	0	(ND) (ND)
6.25% Effluent	0		LC50 95% Confidence Limits
			24-HR 48-HR
12.5% Effluent	0	0	LL ND ND
25% Effluent	0	0	OL ND ND
50% Effluent	0	0	LL = Lower Limit UL = Upper Limit
100% Effluent	0	0	
			48-Hour TUa (100/LC50) =
			<1.0
			-

^{* -} methods used to determine LC50: P - Probit Method, SK - Spearman-Karber Method, TSK - Trimmed Spearman-Karber Method, G - Graphical Method, ND - could not determine.

#### ADDITIONAL TOXICITY TEST INFORMATION

1. Submit all raw data and statistical calculations/printouts obtained during the test(s). Data must be presented in tabular form and must include all physical and/or chemical measurements recorded during the tests and sampling; (e.g. temperature, conductivity, dissolved oxygen, pH, hardness, alkalinity, etc.). SEE APPENDICES

A, B & C.

#### CONCLUSIONS/COMMENTS

Indicate below any other relevant information that may aid in the evaluation of this report. Include any deviations from your SOP that were necessary for these tests and any recent Standard Reference Toxicant (SRT) results obtained. Do these results agree with previous SRT results? Attach additional pages as needed. SRT RESULTS: Pimephales promelas - See Appendix B; Daphnia magna - See Appendix C.

A Wheeling-Pittsburgh Steel Beech Bottom Plant effluent 004 sample was collected as a composite October 16-17, 2001 and tested for acute toxicity October 18-20, 2001. Pimephales promelas (fathead minnow) mortalities were 30% in the 100% effluent after a 48-hour exposure. The 48-hour Pimephales promelas LC50 and TUa values were determined as >100% and <1.0 respectively. No Daphnia magna mortalities were observed in the five effluent concentrations at the end of the 48-hour test. The 48-hour Daphnia magna LC50 and TUa values were determined as >100% and <1.0 respectively.

### WPSC Beech Bottom Plant Effluent 004

	48-hour % mortality	48-hour LC50	TUa
Pimephales promelas	30%	>100%	<1.0
Daphnia magna	0%	>100%	<1.0

TUa - (Acute Toxic Units) = 100/LC50

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APPENDIX A

Sampling Data

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### Antech Ltd. Chain of Custody Record ATEL# 13248

Ship To: Antech Ltd. One Triangle Drive Export, PA 15632 (724) 733-1161 FAX (724) 327-7793

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### PHYSICAL-CHEMICAL DATA OF SAMPLES WHEN RECEIVED BY LAB

Industry/Toxicant: WPSC Beech Bottom Plant

Type of Test: acute definitive

Address: Beech Bottom, WV

Date of Test: 10/18-20/01

Effluent Serial No.: BP-004

Permit No.: WV0004511

Date Samples Collected: 10/17/01	_ Date Samples Read: <u>/o/</u> ( <i>B0</i> 04)	/8/oi Analyst: PJC
	100% Effluent	<u>Upstream</u>
Temperature (°C)	1.7	1.4
Dissolved Oxygen (mg/L)	7.9	10.2
pH (s.u.)	8.25	8.14
Conductivity (umhos)	1639	506
Chlorine, total (mg/L)	20.02	20.02
Visual Description	clear	light brown

### APPENDIX B

Pimephales promelas
Toxicity Test Data

#### 48-Hour Pimephales promelas Static Acute Toxicity Test Data

Industry/Toxicant: WPSC Beech Bottom Plant Contact: Jim Howell

Address: Beech Bottom, WV

Effluent Serial No: BBP-004 Permit No.: WV0004511

Upstream Grab: collected AM/PM /0 / // / oi (Date) AM/PM /3 / 1/6 / 0/ (Date) Effluent Comp.: collected from ____

AM/PM /3 1/7 1 01 (Date)

test vessel size (600 mL beaker); volume of solution per test vessel (250mL)

Person(s) Conducting Test: RFR, PJC, JAL

Beginning: Date 10/18/4/ Time /2:40 D.7

Ending: Date 10/20/01

Test Organism: Pimephales promelas; Age: /4 - 43 #3

Length: (x + SD) 8.95 / O mmWeight: (x + SD), 0023 = .00/5 g Dilution Water Used: upstream grab

Concentration	Test	N	umber	of		ndition		Ten	nperati	ure	Di	ssolve	d	р	Н	Condu	ctivity	Hard.	Alk.
or	Rep.	Live	Organ			rganisr			(°C)			gen (m			u.)	(umh	o/cm)	(mg/L)	(mg/L)
% Effluent	No.	0 h	24 h	48 h	0 h	24 h	48 h	0 h	24 h	48 h	0 h	24 h	48 h	0 h	48 h	0 h	48 h	0.h	0 h
Lab	1	10	10	10	G	Ġ	C	244	250	24.7	7.9	7.4	7.9	788	8,04	238	268	103	χL
Control	2	10	io	10	G	&	G										i		
Upstream	1	10	(0	10	G	6	G	24.8	24.9	24.5	7.9	7.7	7.8	7.66	7.87	499	587	188	86
Control	2	10	ιo	10	G	6	Ġ												
6.25%	1	10	10	10	G	Ġ	خ	24.8	25,0	246	7.7	7.2	7.8	7.63	7.88	530	66/	188	68
Effluent	2	10	10	10	G	G	G						:					<u> </u>	
	<u> </u>				<u> </u>							<u> </u>	l	<u> </u>					
12.5%	1	10	10	10	G	6	6	24.8	25.0	24.7	7.9	7.1	7.7	7.76	7.93	663	741		
Effluent	2	10	10	10	G	<i>C5</i>	G		<u> </u>		<u> </u>					<u></u>			
		<u> </u>	<u> </u>	<u> </u>		ļ		<u> </u>				<u> </u>						<u> </u>	
25%	1	10	10	10	G	G-		24.9	34.8	24.6	7.6	6.4	7.5	7.85 _.	7.98	810	904	291	103
Effluent	2	10	10	10	G	Ğ.	G	<u> </u>	<u> </u>	ļ	<u> </u>	1	<del> </del>	<u> </u>			<u> </u>	<del> </del>	<u> </u>
		10	<u> </u>		<del>  _</del>				1			1 7	L	<u> </u>			<u> </u>		
50%	1	10	9	17_	G		9011	24.9	34.4	24.4	7.5	4.4	7.4	7.94	8.01	1093	1185	<u> </u>	
Effluent	2	10	10	16	G	166	106			-	<del>  </del>	<del>                                     </del>	<del> </del>	<u> </u>		<u> </u>		-	<u> </u>
4000/		10	9		1	D. 15	0. 14	1246		1010	1/. 17	/ -	1.0	200	1015	110.75	1 12.1		
100%	1	10		19	G	9610		24.8	135 Y	24.5	0./	4.2	1.8	8.00	8.12	1615	1751	650	222
Effluent	2	10	5	1.5	6	5650	565.D	<u> </u>	L		<u> </u>		<u></u>			1		<u> </u>	1

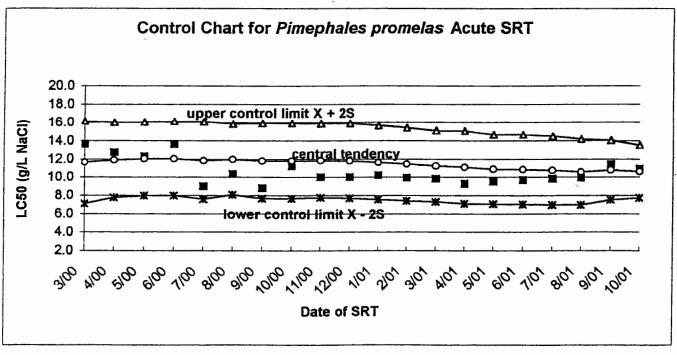
Condition of Organisms: G = Good Condition; D = Dead;

LA = Lab Accident (data not used in analyses).

* = single bubble aeration started.

48-H LC50 for Pimephales promelas Acute NaCl SRT

D-+£		G		(	
Date of		Cumulative			
Test	LC50	LC50 Mean	SD	X+2SD	X-2SD
3/00	13.7	11.6	2.3	16.2	7.1
4/00	12.8	11.9	2.1	16.0	7.8
5/00	12.3	12.0	2.0	16.0	8.0
6/00	13.7	12.0	2.0	16.1	8.0
7/00	9.0	11.8	2.1	16.1	7.6
8/00	10.4	11.9	1.9	15.8	8.1
9/00	8.8	11.8	2.1	15.9	7.6
10/00	11.2	11.8	2.1	15.9	7.6
11/00	10.0	11.8	2.0	15.9	7.8
12/00	10.0	11.8	2.1	15.9	7.7
1/01	10.2	11.6	2.0	15.7	7.5
2/01	10.0	11.4	2.0	15.4	7.4
3/01	9.8	11.2	2.0	15.1	7.3
4/01	9.3	11.1	2.0	15.1	7.1
5/01	9.5	10.9	1.9	14.7	7.1
6/01	9.7	10.9	1.9	14.7	7.0
7/01	9.8	10.7	1.9	14.5	7.0
8/01	9.9	10.6	1.8	14.2	7.0
9/01	11.4	10.8	1.6	14.0	7.5
10/01	10.9	10.6	1.4	<b>13.5</b>	7.7



### APPENDIX C

Daphnia magna
Toxicity Test Data

		,	
			,

### 48-Hour Daphnia magna Static Acute Toxicity Test Data

Industry/Toxicant: WPSC Beech Bottom Plant Contact: Jim Howell Person(s) Conducting Test: RFR, PJC, JAL

Address: Beech Bottom, WV

Effluent Serial No: BBP-004

Permit No.: WV0004511

Beginning: Date / 0 / 18 / 0 | Time | 2 40 pm

Upstream Grab: collected ____AM/PM_/o | /7 | o/ (Date) Test Organism: Daphnia magna; Age: 4-24/H

Effluent Comp.: collected from ____AM/PM /3 / /6 / 0/ (Date) Dilution Water Used: upstream grab

to AM/PM 10 17101 (Date) test vessel size (30 mL cup); volume of solution per test vessel (25 mL)

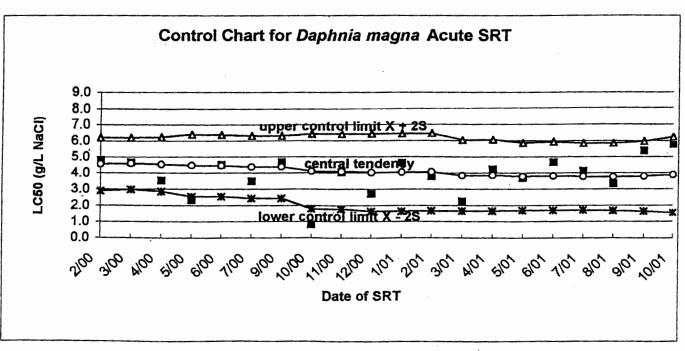
Concentration	Test	Nı	umber	of	Co	nditior	of	Ter	nperat	ure	Di	ssolve	d	р	Н	Condu	ıctivity	Hard.	Alk.
or	Rep.	Live	Organ	isms	Oı	rganisr	ns		(°C)		Оху	gen (m	g/L)	(s.	u.)	(umh	o/cm)	(mg/L)	(mg/L)
% Effluent	No.	0 h	24 h	48 h	0 h	24 h	48 h	0 h	24 h	48 h	0 h	24 h	48 h	0 h	48 h	0 h	48 h	0 h	0 h
	1	5	5	5	G	છ	G	24.4	25.1	25.2	7.9		8.3	7.98	3.14	238	250	103	86
Lab	2	5	5	5	G	Ġ	Ġ												
Control	3	5	5	5	G	Ġ	G										<u> </u>	<u> </u>	
	4	5	5	5	G	ري.	0				<u> </u>				<u> </u>	L	<u> </u>	<u> </u>	
Upstream	1	5	5	5	O	9	6	24.8	25, O	25.2	7.9		8,0	7.66	8.05	499	516	188	80
Control	2	5	5	5	G	Gr	G												
(diluent)	3	5	5	5	G	G	C							L			ļ		
	4	5	5	5	G	Ġ	G		<u> </u>		<u></u>		PJC				<u> </u>	<u> </u>	
	1	5	5	5	G	G-	6	24.8	24.9	25.2	7.7		74.8	7.63	8.05	580	588	188	43
6.25%	2	5	5	5	G	G	6				<u> </u>		8:0						
Effluent	3	5	5	5	G	G	6				ļ		<u> </u>				ļ		<b></b>
	4	5	5	5	G	س	6		<u> </u>						-	<u> </u>	ļ	<u> </u>	
	1	5	5	5	G	G	G	24.3	24.6	248	7.9		8.0	7.76	8.10	663	664		ļ <u>-</u> -
12.5%	2	5	5	5	G	G	<u>G</u>	<b> </b>	<del> </del>	ļ				ļ	ļ	ļ	<u> </u>	<b></b>	<b>}</b> -
Effluent	3	5 5	5	5	G	Gr	6		ļ	ļ					ļ	ļ	ļ	<b></b>	<b> </b>
	4		5	5		G						<u> </u>		]	100	1010		<u> </u>	ļ
050/	1	<u>5</u>	5	5	G	G	G	24.9	24.6	250	7.6		7.5	285	8.10	810	825	291	103
25% Effluent	3	5	5	5	G	G.	G-		<del> </del> -	<del> </del>	<del> </del>		ļ	<del> </del>	<del> </del> -	ļ		ļ	
Ellident	4	5	5	5	G	G	6		<del> </del>	ļ				<del> </del>	<u> </u>		<del> </del>	<del> </del>	ļ
	+ 7	5	5	5	G	6	G	24.9	247	251	7.5		7.7	7.94	8.17	1093	1066	+=-	<del> </del>
50%	2	5	5	5	G	6	6	W1.7	X7.1	P1/	1.5	-	1.1	1.77	10.11	1073	11000	<del> </del>	<del> </del>
Effluent	3	5	5	5	G	6	G	<del> </del>	╁	┼	<del> </del>	<del> </del>	<del> </del>	├──	<del> </del>	├──	<del> </del>	<del> </del>	<del> </del>
Lilidelit	4	5	5	5	Ğ	45	ري)	<del> </del>			<del> </del>	<del> </del>	<del> </del>	<del> </del>	┼		<del> </del>	<del> </del>	<b></b>
	+ -	5	5	5	Ğ	G-	6	24.8	24.4	25.1	6.7	-	7.2	8,00	8.33	1615	1543	150	222
100%	2	5	5	5	Ğ	6	6	47.3	1-1-	0.1	Ψ, ι	<del> </del>	11:00	1	10.72	1913	1,24,7	1435	1-11
Effluent	3	5	5	5	G	G	6	<del> </del>	<del>                                     </del>	<del> </del> -		<del>                                     </del>	<del> </del>	<del> </del>	<del> </del>	<del>                                     </del>	<del> </del>	<del>                                     </del>	<del> </del>
Lindon	4	5	1	1	G	6	G	<del>                                     </del>	<del> </del>			<b></b>	<del> </del>	1		<del>                                     </del>	<del> </del>	<del> </del>	<del> </del>

Condition of Organisms: G = Good Condition; D = Dead;

LA = Lab Accident (data not used in analyses).

48-H LC50 for Daphnia magna Acute NaCl SRT

Date of <u>Test</u>	LC50	Cumulative LC50 Mean	SD	X+2SD	X-2SD
2/00 3/00 4/00 5/00 6/00 7/00 9/00 10/00 11/00 12/00 1/01 2/01 3/01 4/01 5/01 6/01 7/01 8/01	4.8 4.7 3.5 2.3 4.5 3.5 4.7 0.8 4.1 2.7 4.6 3.8 2.2 4.2 3.7 4.1 3.3 5.4	4.5 4.6 4.5 4.4 4.4 4.1 4.1 4.0 4.1 3.8 3.8 3.8 3.8 3.8 3.8	0.8 0.8 1.0 1.0 1.0 1.2 1.2 1.2 1.2 1.1 1.1 1.1 1.0 1.1	6.2 6.2 6.4 6.3 6.4 6.4 6.4 6.5 6.0 6.1 5.9 5.8 5.8 6.0	2.9 3.0 2.9 2.5 2.4 1.8 1.6 1.7 1.6 1.7 1.7 1.7
10/01	5.7	3.9	1.2	6.2	1.5



BUD. E. SMITH DIRECTOR ENVIRONMENTAL CONTROL (304) 234-2662



October 17, 2001

Director
WV Department of Environmental Protection
Office of Water Resources
1201 Greenbrier Street
Charleston, WV 25311-1088

UPS NEXT DAY AIR (Delivery Confirmation)

Attention: Engineering Branch

Re: WHEELING-PITTSBURGH STEEL CORP.
BEECH BOTTOM PLANT
NPDES PERMIT #WV0004511
DISCHARGE MONITORING REPORT
SEPTEMBER 2001

#### Gentlemen:

Enclosed is the completed discharge monitoring report for the Beech Bottom Plant of Wheeling-Pittsburgh Steel Corporation covering the month of <u>September 2001</u>

There were no exceedances on the DMR's at the Beech Bottom Plant during the month of September 2001.

If you should have any questions, please contact Tom Waligura at 304 234-2682.

Sincerely,

Bud E. Smith

Director - Environmental Control

Bul E. Smits

#### **Enclosures**

cc: Joe Hickman (Whg. Office, WVDEP)

USEPA Region III, NPDES Branch (3WP50)

cc: Field Supervisor & Field Inspector

WV Department of Environmental Protection

Environmental Enforcement 2031 Pleasant Valley Rd.

Suite #1

Fairmont, WV 26554

bcc: P. Barren

L.A. McGee/BB MFile 2.2.1

ECMF 2.2.8.1

**FACILITY NAME LOCATION OF FACILITY PERMIT NUMBER** WASTELOAD FOR MONTH OF Wheeling-Pittsburgh Steel Corporation Beech Bottom, Brooke County, WV

**COMMERCIAL LABORATORY NAME COMMERCIAL LABORATORY ADDRESS**  Antech Ltd. One Triangle Lane Export, PA 15632

WV0004511 OUTLET NO. 004 September 2001

INDIVIDUAL PERFORMING ANALYSIS

Antech Personnel

			Qua	ntity				Other		Measurement	Sample		
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Type
Flow	Reported	N/A	N/A	N/A	N/A	0	N/A	0.14	0.14	MGD	0	1/Month	Estimate
50050	Permit Limitation	N/A	N/A	N/A			N/A	Monitor	Monitor			1/Month	Estimate
Solids, Total	Reported	N/A	11	11	#/day	0	N/A	9	9	mg/l	0	1/Month	Composite
Suspended 00530	Permit Limitation	N/A	Monitor	Monitor	#/ddy		N/A	Monitor	Monitor	liig/i		1/Month	Composite
Oil & Grease	Reported	N/A	<5.84	<5.84	#/day	0	N/A	<5	<5	mg/l	0	1/Month	Grab
00556	Permit Limitation	N/A	Monitor	Monitor	day		N/A	Monitor	Monitor	ing.		1/Month	Grab
COD	Reported	N/A	107.6	107.6	#/day	0	N/A	92	92	mg/l	0	1/Month	Composite
00340	Permit Limitation	N/A	Monitor	Monitor	#/uay		N/A	Monitor	Monitor	mg/i		1/Month	Composite
тос	Reported	N/A	14	14	#/day	0	N/A	12	12	mg/l	0	1/Month	Composite
00680	Permit Limitation	N/A	Monitor	Monitor	"ruuy	12 (AK)	N/A	Monitor	Monitor			1/Month	Composite
рН	Reported	N/A	N/A	N/A	N/A	0	7.4	N/A	7.8	s.u.	0	1/Week	Grab
00400	Permit Limitation	N/A	N/A	N/A			6.0	N/A	10.0	0.0.		1/Week	Grab
Chloride	Reported	N/A	53.8	53.8	#/day	0	N/A	46	46	mg/l	0	1/Month	Composite
00940	Permit Limitation	N/A	Monitor	Monitor	III Gay		N/A	Monitor	Monitor	lingii		1/Month	Composite
Name of Principal Executive Officer				1	4 -4 41 9		.4 1 .11 .44				Da	ate Completed	
	James G. Brad	ley	direction or	supervision in a	ccordance	with a sy	stem designed t	hments were prepar- to assure that qualifi I on my inquiry of t	ed personnel		00	CT 1 7 2001	
Title of Officer			persons whinformation,	o manage the the information	system, o submitted	or those is, to the	persons directly best of my kno	y responsible for g wledge and belief, tr	rue, accurate,	Signat		incipal Executive thorized Agent	Officer or
I	President and C.		te. I am aware e possibility of fin				for submitting false lations.	information,	13	wl	E. So	nut	

Wheeling-Pittsburgh Steel Corporation Antech Ltd. **FACILITY NAME COMMERCIAL LABORATORY NAME** Beech Bottom, Brooke County, WV One Triangle Lane **COMMERCIAL LABORATORY ADDRESS LOCATION OF FACILITY** WV0004511 OUTLET NO. 004 Export, PA 15632 PERMIT NUMBER INDIVIDUAL PERFORMING ANALYSIS Antech Personnel WASTELOAD FOR MONTH OF September 2001

			Qua	ntity	<del>:</del>			Other		Measurement	Sample		
Parameter		Minlmum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Type
Total Manganese	Reported	N/A	2.11	2.11	N/A	0	N/A	1.8	1.8	mg/l	0	1/Month	Composite
01055	Permit Limitation	N/A	Monitor	Monitor			N/A	2	4			1/Month	Composite
Total Zinc	Reported	N/A	0.2	0.2	#/day	0	N/A	170	170	μg/\	0	1/Month	Composite
01092	Permit Limitation	N/A	Monitor	Monitor	#/day		N/A	500	1000	F9.		1/Month	Composite
Total Nickel	Reported	N/A	N/A	N/A	#/day	0	N/A	N/A	N/A	μg/l	0	1/Quarter	Composite
01067	Permit Limitation	N/A	Monitor	Monitor	#/uay		N/A	Monitor	Monitor	μ9/1		1/Quarter	Composite
Total Lead	Reported	N/A	N/A	N/A	#/day	0	N/A	N/A	N/A	μg/l	0	1/Quarter	Composite
01051	Permit Limitation	N/A	Monitor	Monitor			N/A	Monitor	Monitor			1/Quarter	Composite
Total Chromium	Reported	N/A	N/A	N/A	#/day	0	N/A	N/A	N/A	μg/l	0	1/Quarter	Composite
01032	Permit Limitation	N/A	Monitor	Monitor	#/day		N/A	Monitor	Monitor	pg.		1/Quarter	Composite
Total Copper	Reported	N/A	N/A	N/A	N/A	0	N/A	N/A	N/A	μg/l	0	1/Quarter	Composite
01042	Permit Limitation	N/A	Monitor	Monitor	IN/A	urvi 1 s	N/A	Monitor	Monitor	pagn .		1/Quarter	Composite
Name of Principal Executive Officer											D	ate Completed	
	James G. Brad	lley	direction or properly ga	supervision in a ther and evaluate	ccordance the infor	with a sy	stem designed bmitted. Base	hments were prepar to assure that qualifi d on my inquiry of t	ed personnel he person or			DCT 1 7 2001	
	Title of Offic	information	persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information,										
I	President and C		ete. I am aware e possibility of fir					information,	13	cul	E. In	mit	

Wheeling-Pittsburgh Steel Corporation Antech Ltd. **FACILITY NAME** COMMERCIAL LABORATORY NAME One Triangle Lane Beech Bottom, Brooke County, WV **COMMERCIAL LABORATORY ADDRESS LOCATION OF FACILITY** OUTLET NO. 004 Export, PA 15632 PERMIT NUMBER WV0004511 INDIVIDUAL PERFORMING ANALYSIS Antech Personnel September 2001 WASTELOAD FOR MONTH OF

			Qua	ntity				Other		Measurement	Sample		
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthiy	Max. Daily	Units	N.E.	Frequency	Type
Total Iron	Reported	N/A	0.28	0.28	#/day	0	N/A	0.24	0.24	mg/l	0	1/Month	Composite
01045	Permit Limitation	N/A	Monitor	Monitor			N/A	Monitor	Monitor			1/Month	Composite
Sulfate	Reported	N/A	444.5	444.5	#/day	0	N/A	380	380	mg/l	0	1/Month	Composite
00945	Permit Limitation	N/A	Monitor	Monitor	#/day		N/A	Monitor	Monitor	l ligh		1/Month	Composite
Total Aluminum	Reported	N/A	0.12	0.12	#/dov	0	N/A	100	100	μg/l	0	1/Month	Composite
01105	Permit Limitation	N/A	Monitor	Monitor	#/day		N/A	Monitor	Monitor	μ9/ι		1/Month	Composite
Hardness	Reported	N/A	N/A	N/A		0	N/A	N/A	620	mg/l	0	1/Year	Composite
00900	Permit Limitation	N/A	N/A	N/A			N/A	N/A	Monitor	g.,		1/Year	Composite
Acute Toxicity	Reported	N/A	N/A	N/A		0	N/A	N/A	N/A	TUa	0	1/Year	Composite
Daphnia 61425	Permit Limitation	N/A	N/A	N/A			N/A	N/A	2.5	100		1/Year	Composite
Acute Toxicity	Reported	N/A	N/A	N/A		0	N/A	N/A	N/A	TUa	0	1/Year	8 Hour Composite
Fathead 61427	Permit Limitation	N/A	N/A	N/A			N/A	N/A	2.5	10a		1/Year	8 Hour Composite
Name of	Principal Exec	1,	1	45 -4 46		-411 -44		-dd		D	ate Completed		
	James G. Brad	direction or	supervision in a	ccordance	with a sy	stem designed	hments were prepar to assure that qualifi d on my inquiry of t	ed personnel		OCT 1	7 2001		
Title of Officer			persons wi	properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate,  Authorized Agents									
]	President and C	and comple including th	te. I am aware e possibility of fin	that there	are sign	ficant penalties for knowing vio	for submitting false lations.	information,	15	eul	E. In	not !	

FACILITY NAME
LOCATION OF FACILITY
PERMIT NUMBER
WASTELOAD FOR MONTH OF

Wheeling-Pittsburgh Steel Corporation										
Beech Bottom, B	rooke County, WV									
WV0004511	OUTLET NO.	104								

September 2001

COMMERCIAL LABORATORY NAME
COMMERCIAL LABORATORY ADDRESS
One Triangle Lane
Export, PA 15632
INDIVIDUAL PERFORMING ANALYSIS
Antech Personnel

			Qua	ntity				Other		Measurement	Sample		
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Туре
Flow	Reported	N/A	N/A	N/A	N/A	0	N/A	0.014	0.017	MGD	0	2/Month	Estimate
50050	Permit Limitation	N/A	N/A	N/A	1,07		N/A	Monitor	0.22	,		2/Month	Estimate
Solids, Total	Reported	N/A	0.82	0.92	#/day	0	N/A	7.5	15	mg/l	0	2/Month	Composite
Suspended 00530	Permit Limitation	N/A	24.13	49.34	#/uay		N/A	Monitor	Monitor	mg/i		2/Month	Composite
Oil & Grease	Reported	N/A	<0.58	<0.71	#/day	00	N/A	<5	<5	mg/l	0	2/Month	Grab
00556	Permit Limitation	N/A	14.46	24.13	#/day		N/A	Monitor	Monitor	ing/i		2/Month	Grab
COD	Reported	N/A	4.5	4.5	#/day	0	N/A	49	49	mg/l	0	1/Month_	Composite
00340	Permit Limitation	N/A	Monitor	Monitor	#/day		N/A	Monitor	Monitor	g/i		1/Month	Composite
TOC	Reported	N/A	0.855	0.855	#/day	0	N/A	9.3	9.3	mg/l	0	1/Month	Composite
00680	Permit Limitation	N/A	Monitor	Monitor	maay	And Co	N/A	Monitor	Monitor	g,.		1/Month	Composite
рН	Reported	N/A	N/A	N/A	N/A	0	8.7	N/A	9.2	s.u.	0	2/Month	Grab
00400	Permit Limitation	N/A	N/A	N/A	100	Section 2	6.0	N/A	10.0	U.u.		2/Month	Grab
Sulfate	Reported	N/A	823	823	#/day	0	N/A	2200	2200	mg/l	0	1/Month	Composite
00945	Permit Limitation	N/A	Monitor	Monitor	#/day		N/A	Monitor	Monitor	111971		1/Month	Composite
Name of	Principal Exec	l codife un	dan manakki af lai	4ha4 4hi	in decume		hmonte unra proper	ad under my		D	ate Completed		
	direction or	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel property gather and evaluate the information submitted. Based on my inquiry of the person or							oct 1 7 2007				
	Title of Office	persons wi	persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate,  Authorized Agent								Officer or		
]	President and C		ete. I am aware ne possibility of fir				for submitting false plations.	information,	Be		E. In	it	

FACILITY NAME

LOCATION OF FACILITY

PERMIT NUMBER

WY0004511

September 2001

Wheeling-Pittsburgh Steel Corporation

Beech Bottom, Brooke County, WV

WV0004511

OUTLET NO. 104

COMMERCIAL LABORATORY NAME
COMMERCIAL LABORATORY ADDRESS
One Triangle Lane
Export, PA 15632
INDIVIDUAL PERFORMING ANALYSIS
Antech Personnel

		l .	Qua	ntity				Other		Measurement	Sample		
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Type
Total Iron	Reported	N/A	0.023	0.033	N/A	0	N/A	0.18	0.23	mg/l	0	2/Month	Composite
01045	Permit Limitation	N/A	0.29	0.57	1,977		N/A	Monitor	Monitor	111977		2/Month	Composite
Total Zinc	Reported	N/A	0.016	0.017	#/day	0	N/A	140	160	μg/l	0	2/Month	Composite
01092	Permit Limitation	N/A	0.27	0.61		4-24	N/A	Monitor	Monitor			2/Month	Composite
Total Cyanide	Reported	N/A	<0.001	<0.001	#/day	0	N/A	<10	<10	μg/l	0	2/Month	Composite
00720	Permit Limitation	N/A	0.05	0.13			N/A	Monitor	Monitor			2/Month	Composite
Total Chromium	Reported	N/A	<0.001	<0.001	#/day	0	N/A	<10	<10	μg/l	0	2/Month	Composite
01032	Permit Limitation	N/A	0.08	0.19			N/A	Monitor	Monitor			2/Month	Composite
Total Copper	Reported	N/A	0.002	0.004	#/day	0	N/A	14.5	29	μg/I	0	2/Month	Composite
01042	Permit Limitation	N/A	0.25	0.46			N/A	Monitor	Monitor			2/Month	Composite
Hardness	Reported	N/A	N/A	N/A	N/A	0	N/A	N/A	N/A	mg/i	0	1/Quarter	Composite
00900	Permit Limitation	N/A	N/A	N/A			N/A	N/A	Monitor			1/Quarter	Composite
Name of	L cartife un	der nenalty of la	w that thi	e documa	nt and all attac	hments were prepar	ed under my		D	ate Completed			
	James G. Brad	direction or properly ga	supervision in a ther and evaluate	ccordance the infor	with a sy mation su	stem designed bmitted. Based	to assure that qualifi d on my inquiry of t	ed personnel he person or			CT 1 7 2001		
	Title of Offic	information	persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information,						Authorized Agent				
I	President and C.		te. I am aware e possibility of fin					information,	1	ent	E. S	mit	

### STATE OF WEST VIRGINIA STREAM SAMPLING REPORT FORM

Company Name:	Wheeling-Pittsburgh St	Wheeling-Pittsburgh Steel Corporation									
Location:	Beech Bottom, WV	Permit Numbe	r: WV000451	1							
Type of Activity:	Landfill:	Sp	ray Irrigation:								
Other (Describe):	Storm Water Runoff	Stream Sampli	ng Station No.:	2							
Type of Sampling:	Mine Run (downstream										
Type of Sampling:	X Grab:	Composite:	Other (	Describe):							
		×									
Date:	September 2001	Stream Flow:	No Flow	GPD							

PARAMETER	CONCENTRATION	UNITS
Oil and Grease	-	Mg/l
Chromium (Total)	-	Mg/l
Cyanide (Total)	-	Mg/l
Iron (Total)	-	Mg/l
Zinc (Total)	-	Mg/l
РН	-	Mg/l

#### STATE OF WEST VIRGINIA STREAM SAMPLING REPORT FORM

Company Name:	Wheeling-Pittsburgh	n Steel Corporation					
Location:	Beech Bottom, WV	Permit Number	er: WV000451	1			
Type of Activity:	Landi	fill: S _F	Spray Irrigation:				
Other (Describe):	Storm Water Runof	Stream Sampli	ing Station No.:	1			
Type of Sampling:	Mine Run (upstream	n) adjacent to Route 2					
Type of Sampling:	X Grab:	Composite:	Other (	Describe):			
Date:	September 2001	Stream Flow:	No Flow	GPD			

PARAMETER	CONCENTRATION	UNITS
Oil and Grease	-	Mg/l
Chromium (Total)	-	Mg/l
Cyanide (Total)		Mg/l
Iron (Total)	-	Mg/l
Zinc (Total)		Mg/l
PH	-	Mg/l

### October 17, 2001

Attachment for the September 2001 DMR's for the Beech Bottom Plant.

#### Beech Bottom Plant

There were no exceedances of the Daily Maximium limitations or Monthly Average limitations at the Beech Bottom Plant in September 2001.

BUD. E. SMITH DIRECTOR ENVIRONMENTAL CONTROL (304) 234-2662



September 12, 2001

Mr. Allyn Turner, Chief WV Department of Environmental Protection Water Resources Division 1201 Greenbrier Street Charleston, WV 25311-1088

UPS NEXT DAY AIR (Delivery Confirmation)

Re:

Wheeling-Pittsburgh Steel Corporation

**Beech Bottom Plant** 

NPDES Permit #WV0004511 Discharge Monitoring Report

August 2001

Dear Mr. Turner:

Enclosed is the completed discharge monitoring report for the Beech Bottom Plant of Wheeling-Pittsburgh Steel Corporation covering the month of <u>August 2001</u>

There were no exceedances on the DMR's at the Beech Bottom Plant during the month of August 2001.

If you should have any questions, please contact Tom Waligura at 304 234-2682.

Sincerely,

Bud E. Smith

Director - Environmental Control

ul E. Smith

**Enclosures** 

CC:

Joe Hickman (Whg. Office, WVDNR)

USEPA Region III

bcc:

P. Barren ?

TJW/ECMF 2.2.8.1



Wheeling-Pittsburgh Steel Corporation **FACILITY NAME COMMERCIAL LABORATORY NAME** Antech Ltd. **LOCATION OF FACILITY** Beech Bottom, Brooke County, WV One Triangle Lane **COMMERCIAL LABORATORY ADDRESS** PERMIT NUMBER WV0004511 OUTLET NO. 004 Export, PA 15632 WASTELOAD FOR MONTH OF August 2001 INDIVIDUAL PERFORMING ANALYSIS Antech Personnel

			Qua	ntity				Other		Measurement	Sample				
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Type		
Flow	Reported	N/A	N/A	N/A	N/A	0	N/A	0.055	0.055	MGD	0	1/Month	Estimate		
50050	Permit Limitation	N/A	N/A	N/A			N/A	Monitor	Monitor			1/Month	Estimate		
Solids, Total	Reported	N/A	20	20	#/day	0	N/A	43	43	mg/l	0	1/Month	Composite		
Suspended 00530	Permit Limitation	N/A	Monitor	Monitor	#/Uay		N/A	Monitor	Monitor	nig/i		1/Month	Composite		
Oil & Grease	Reported	N/A	<2.3	<2.3	#/day	0	N/A	<5	<5	mg/l	0	1/Month	Grab		
00556	Permit Limitation	N/A	Monitor	Monitor	maay		N/A	Monitor	Monitor	'''g''		1/Month	Grab		
COD	Reported	N/A	41.4	41.4	#/day	0	N/A	90	90	mg/l	0	1/Month_	Composite		
00340	Permit Limitation	N/A	Monitor	Monitor	#/day		N/A	Monitor	Monitor	nig.		. 1/Month	Composite		
тос	Reported	N/A	5.5	5.5	#/day	0	N/A	12	12	mg/l	0	1/Month	Composite		
00680	Permit Limitation	N/A	Monitor	Monitor			N/A	Monitor	Monitor			1/Month	Composite		
рН	Reported	N/A	N/A	N/A	N/A	0	7.3	N/A	7.9	s.u.	0	1/Week	Grab		
00400	Permit Limitation	N/A	N/A	N/A			6.0	N/A	10.0	0.0.		1/Week	Grab		
Chloride	Reported	N/A	505.5	505.5	#/day	0	N/A	1100	1100	mg/l	0	1/Month	Composite		
00940	Permit Limitation	N/A	Monitor	Monitor	#/uay		N/A	Monitor	Monitor	nig/i		1/Month	Composite		
Name of	Principal Exec	utive Officer									,D	ate Completed			
	James G. Brad	ley	direction or	supervision in ac	cordance	with a sy	stem designed t	hments were prepar to assure that qualifi I on my inquiry of t	ed personnel		7	EP 1 2 2001			
	Title of Offic	er	persons whinformation,	o manage the the the information to	system, o submitted	or those is, to the	persons directly best of my kno	y responsible for gowledge and belief, to	pathering the rue, accurate,	Signat		incipal Executive thorized Agent	Officer or		
P	resident and C.	E.O.		te. I am aware to possibility of fin				for submitting false lations.	information,	Rul & Lin					

FACILITY NAME	Wheeling-Pittsburgh Steel Corporation	COMMERCIAL LABORATORY NAME	Antech Ltd.
LOCATION OF FACILITY	Beech Bottom, Brooke County, WV	COMMERCIAL LABORATORY ADDRESS	One Triangle Lane
PERMIT NUMBER	WV0004511 OUTLET NO. 004		Export, PA 15632
WASTELOAD FOR MONTH OF	August 2001	INDIVIDUAL PERFORMING ANALYSIS	Antech Personnel

			Qua	ntity				Other	Units			Measurement	Sample			
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Type			
Total Manganese	Reported	N/A	0.596	1.01	N/A	0	N/A	1.3	2.2	mg/l	0	2/Month	Composite			
01055	Permit Limitation	N/A	Monitor	Monitor	N/A		N/A	2	4	mg/i		l/Month	Composite			
Total Zinc	Reported	N/A	0.2	0.2	#/day	0	N/A	430	430	μg/l	0	1/Month	Composite			
01092	Permit Limitation	N/A	Monitor	Monitor			N/A	500	1000			1/Month	Composite			
Total Nickel	Reported	N/A	N/A	N/A	#/day	0	N/A	N/A	N/A	- μg/l	0	1/Quarter	Composite			
01067	Permit Limitation	N/A	Monitor	Monitor	,		N/A	Monitor	Monitor			1/Quarter	Composite			
Total Lead	Reported	N/A	N/A	N/A	#/day	0	N/A	N/A	N/A	μg/l	0	1/Quarter	Composite			
01051	Permit Limitation	N/A	Monitor	Monitor	,		N/A	Monitor	Monitor			1/Quarter	Composite			
Total Chromium	Reported	N/A	N/A	N/A_	#/day	0	N/A	N/A	N/A	_ μg/l	0	1/Quarter	Composite			
01032	Permit Limitation	N/A	Monitor	Monitor			N/A	Monitor	Monitor			1/Quarter	Composite			
Total Copper	Reported	N/A	N/A	N/A	N/A	0	N/A	N/A	N/A	μg/l	0	1/Quarter	Composite			
01042	Permit Limitation	N/A	Monitor	Monitor	14/7		N/A	Monitor	Monitor	l Pg.		1/Quarter	Composite			
Name of	Principal Exec James G. Brad		direction or	supervision in ac	ccordance	with a sy	stem designed	hments were prepare to assure that qualifi	ed personnel		SEP	1 2 2005				
	Title of Offic	er	persons wi	o manage the the the the the the the the the th	system, c submitted	r those is, to the	persons directly best of my kno	I on my inquiry of the common	athering the ue, accurate,	Signat	gnature of Principal Executive Officer or Authorized Agent					
)	President and C.	E.O.	and comple including th	te. I am aware to possibility of fin	that there e and imp	are signi risonment	ficant penalties for knowing vio	for submitting false lations.	information,	Bu	ul E	· Sm	J.			

Wheeling-Pittsburgh Steel Corporation **FACILITY NAME** COMMERCIAL LABORATORY NAME Antech Ltd. **LOCATION OF FACILITY** Beech Bottom, Brooke County, WV **COMMERCIAL LABORATORY ADDRESS** One Triangle Lane **PERMIT NUMBER** WV0004511 OUTLET NO. 004 Export, PA 15632 WASTELOAD FOR MONTH OF August 2001 INDIVIDUAL PERFORMING ANALYSIS Antech Personnel

			Qua	ntity				Other	Units			Measurement	Sample			
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Type			
Total	_		_													
Iron	Reported	N/A	0.17	0.17	#/day	0	N/A	0.37	0.37	mg/l	0	1/Month	Composite			
01045	Permit Limitation	N/A	Monitor	Manitas	,,,,,,,		AI/A	Manitan	Manitan	111977		4/14	0			
01045	Limitation	IN/A	MONITOR	Monitor		107 7)	N/A	Monitor	Monitor			1/Month	Composite			
Sulfate	Reported	N/A	188.4	188.4	<b></b> .	0	N/A	410	410		0	1/Month	Composite			
	Permit				#/day				,,,	mg/l	763444					
00945	Limitation	N/A	Monitor	Monitor			N/A	Monitor	Monitor			1/Month	Composite			
Total						1										
Aluminum	Reported	N/A	0.06	0.06	#/day	0	N/A	120	120	μg/l	0	1/Month	Composite			
	Permit				"'day	4.			l	13.		444				
01105	Limitation	N/A	Monitor	Monitor	1990		N/A	Monitor	Monitor			1/Month_	Composite			
Hardness	Reported	N/A	N/A	N/A		0	N/A	N/A	N/A	١.	0	1/Year	Composite			
	Permit									mg/l						
00900	Limitation	N/A	N/A	N/A	4 7 7 7		N/A	N/A	Monitor			1/Year	Composite			
Acute					13.45											
Toxicity	Reported	N/A	N/A	N/A	1	0	N/A	N/A	N/A	TUa	0	1/Year	Composite			
Daphnia	Permit											484				
61425	Limitation	N/A	N/A	N/A			N/A	· N/A	2.5			1/Year	Composite			
Acute	Damantant	N/A	AI/A	l N/A		_	N/A	AI/A	N/A	'	0	1/Year	8 Hour Composite			
Toxicity	Reported	N/A	N/A	N/A		U	N/A	N/A	IN/A	TUa		1/164	8 Hour			
Fathead 61427	Permit Limitation	N/A	N/A	N/A		1	N/A	l N/A	2.5			1/Year	Composite			
			1100	1 19/7			1 10/2	I NO		Date Completed						
Name of	Principal Exec							hments were prepar								
	James G. Brad	lley						to assure that qualifi d on my inquiry of t		5	EP 12	2006				
	Title of Offic	er	persons wi	o manage the the information	system, submitted	or those I is, to the	persons directi best of my kno	y responsible for gowledge and belief, to	ible for gathering the Signature of Principal Executive Officer or							
	President and C	ΕO	and comple	te. I am aware	that there	are signi	ficant penalties	for submitting false	information,	12	•	0	• ,			
r	resident and C.	.D.O.	including th	e possibility of fir	ie and imp	orisonment	tor knowing vio	piations.		12	rel (	E. An	والتد			

FACILITY NAME
LOCATION OF FACILITY
PERMIT NUMBER
WASTEL OAD FOR MONTH

Wheeling-Pittsburgh Steel Corporation

Beech Bottom, Brooke County, WV

COMMERCIAL LABORATORY NAME
COMMERCIAL LABORATORY ADDRESS

Antech Ltd.
One Triangle Lane
Export, PA 15632

**WASTELOAD FOR MONTH OF** 

WV0004511 OUTLET NO. 104
August 2001

INDIVIDUAL PERFORMING ANALYSIS

Antech Personnel

			Qua	ntity				Other	Units			Measurement	Sample
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Туре
Flow	Reported	N/A	N/A	N/A	N/A	0	N/A	0.029	0.037	MGD	0	2/Month	Estimate
50050	Permit Limitation	N/A	N/A	N/A			N/A	Monitor	0.22			2/Month	Estimate
Solids, Total	Reported	N/A	1.45	1.55	#/day	0	N/A	6.5	8	- mg/l	0	2/Month	Composite
Suspended 00530	Permit Limitation	N/A	24.13	49.34	#/day		N/A	Monitor	Monitor	ilig/i		2/Month	Composite
Oil & Grease	Reported	N/A	<1.2	<1.5	#/day	0	N/A	<5	<5	mg/l	0	2/Month	Grab
00556	Permit Limitation	N/A	14.46	24.13	"'day		N/A	Monitor	Monitor	mg/i		2/Month	Grab
COD	Reported	N/A	24.1	24.1	#/day	0	N/A	78	78	mg/l	0	1/Month	Composite
00340	Permit Limitation	N/A	Monitor	Monitor	#/day		N/A	Monitor	Monitor	111971		1/Month	Composite
TOC	Reported	N/A	5.874	5.874	#/day	0	N/A	19	19	mg/l	0	1/Month	Composite
00680	Permit Limitation	N/A	Monitor	Monitor	#/uay	100	N/A	Monitor	Monitor	g/i		1/Month	Composite
pН	Reported	N/A	N/A	N/A	N/A	0	8.9	N/A	9.6	s.u.	0	2/Month	Grab
00400	Permit Limitation	N/A	N/A	N/A	IV/A		6.0	N/A	10.0	5.0.		2/Month	Grab
Sulfate	Reported	N/A	339	339	#/day	0	N/A	1100	1100	mg/l	0	1/Month	Composite
00945	Permit Limitation	N/A	Monitor	Monitor	#/uay		N/A	Monitor	Monitor			1/Month	Composite
Name of	Name of Principal Executive Officer										D	ate Completed	
	James G. Bradley  I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or									SEI			
	Title of Offic	er	persons wi	system, o	or those I is, to the	persons directly best of my known	y responsible for gowledge and belief, tr	athering the rue, accurate,	Signat		incipal Executive thorized Agent	Officer or	
I	President and C.	E.O.		te. I am aware e possibility of fir				for submitting false lations.	information,	R		0	-1

Wheeling-Pittsburgh Steel Corporation **FACILITY NAME COMMERCIAL LABORATORY NAME** Antech Ltd. **LOCATION OF FACILITY** Beech Bottom, Brooke County, WV **COMMERCIAL LABORATORY ADDRESS** One Triangle Lane **PERMIT NUMBER** WV0004511 OUTLET NO. 104 Export, PA 15632 WASTELOAD FOR MONTH OF August 2001 **INDIVIDUAL PERFORMING ANALYSIS** Antech Personnei

eported Permit mitation	Minimum N/A	Qua Avg. Monthly	ntity Max. Daily				Other	. T.T 14		· · ·		
Permit		Avg. Monthly	May Daily				Other	Units		1	Measurement	Sample
Permit	N/A		MIAX. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Type
Permit	N/A											
		0.115	0.152	N/A	0	N/A	0.58	0.91	mg/ī	0	2/Month_	Composite
	N/A	0.29	0.57	'**'		N/A	Monitor	Monitor		in a section	2/Month	Composite
intation	14/7	0.20	0.07		2000000	13/5	WOUND	IVIOTILO			Z/WOTUT	Composite
eported	N/A	0.224	0.443		0	N/A	743.5	1400		0	2/Month	Composite
Permit				#/day					μ <b>g/</b> î	1. 17Kath		
nitation	N/A	0.27	0.61			N/A	Monitor	Monitor			2/Month	Composite
anadad	N/A	<0.000	40 000			AUA	440	.40			0.04	
eported	IN/A	<0.002	<0.003	#/day	0	N/A	<10	<10	μg/l	0	2/Month	Composite
Permit nitation	N/A	0.05	0.13	,		N/A	Monitor	Monitor			2/Month	Composite
						7,37,	Mornio.	William		116,0224-33,110,2	Enviolen	Composito
eported	N/A	<0.002	<0.003	#/40	0	N/A	<10	<10		0	2/Month	Composite
Permit				#/day	a vision			μg/l				
nitation	N/A	0.08	0.19			N/A	Monitor	Monitor			2/Month	Composite
eported	N/A	<0.002	<0.003	#/day	0	N/A	<10	<10	ug/l		2/Month	Composite
Permit	N/A	0.25	0.46	""		NI/A	Monitor	Monitor	""		2/Month	Composito
mation	IN/A	0.25	0.40	<del> </del>	1	IN/A	MONITOR	MONITO			ZIMONU	Composite
eported	N/A	N/A	N/A	j	0	N/A	N/A	N/A		0	1/Quarter	Composite
Permit				N/A					mg/I			
nitation	N/A	N/A	N/A			N/A	N/A	Monitor		14.19	1/Quarter	Composite
ipal Execu	tive Officer								. ,	D	ate Completed	
s G. Bradle	ey								3	TO TO		
									Signati			Officer or
ent and C.E	E.O.	and comple	te. I am aware i	that there	are signi	ficant penalties	for submitting false		12	, ,	, T.	,
e nit	rmit tation orted rmit tation al Execu G. Bradle	rmit lation N/A orted N/A rmit lation N/A al Executive Officer G. Bradley	rmit lation N/A 0.25  orted N/A N/A  rmit lation N/A N/A  al Executive Officer G. Bradley  of Officer  of Officer  lation N/A N/A  l certify undirection or property gat persons whinformation, and comple	rmit lation N/A 0.25 0.46  orted N/A N/A N/A  rmit lation N/A N/A N/A  al Executive Officer  G. Bradley  of Officer  of Officer  of Officer  lation N/A N/A N/A  I certify under penalty of late direction or supervision in a property gather and evaluate persons who manage the information, the information and complete. I am aware	rmit lation N/A 0.25 0.46  orted N/A N/A N/A N/A mit lation N/A N/A N/A N/A  al Executive Officer G. Bradley  of Officer  of Officer  of Officer  lation N/A N/A N/A N/A  I certify under penalty of law that this direction or supervision in accordance properly gather and evaluate the information, the information submitted and complete. I am aware that there	rmit tation N/A 0.25 0.46  orted N/A	rmit lation N/A 0.25 0.46 N/A  orted N/A N/A N/A N/A 0 N/A  mit lation N/A N/A N/A N/A N/A N/A  al Executive Officer  G. Bradley  of Officer  of Officer  of Officer  lation N/A	rmit lation N/A 0.25 0.46 N/A Monitor  orted N/A	rmit lation N/A 0.25 0.46 N/A Monitor Monitor orted N/A	rmit lation N/A 0.25 0.46 N/A Monitor Monitor  orted N/A N/A N/A N/A N/A N/A N/A N/A N/A Monitor  mit lation N/A N/A N/A N/A N/A N/A N/A Monitor  al Executive Officer  G. Bradley  of Officer  of Officer  of Officer  I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information,	rmit lation N/A 0.25 0.46 N/A Monitor Monitor  orted N/A	rmit lation N/A 0.25 0.46 N/A Monitor Monitor 2/Month orted N/A

#### September 12, 2001

Attachment for the August 2001 DMR's for the Beech Bottom Plant.

### Beech Bottom Plant

There were no exceedances of the Daily Maximium limitations or Monthly Average limitations at the Beech Bottom Plant in August 2001.

BUD. E. SMITH DIRECTOR ENVIRONMENTAL CONTROL (304) 234-2662



August 17, 2001

Mr. Allyn Turner, Chief WV Department of Environmental Protection Water Resources Division 1201 Greenbrier Street Charleston, WV 25311-1088

UPS NEXT DAY AIR (Delivery Confirmation)

Re:

Wheeling-Pittsburgh Steel Corporation

**Beech Bottom Plant** 

NPDES Permit #WV0004511 Discharge Monitoring Report

July 2001

Dear Mr. Turner:

Enclosed is the completed discharge monitoring report for the Beech Bottom Plant of Wheeling-Pittsburgh Steel Corporation covering the month of <u>July 2001</u>

There were no exceedances on the DMR's at the Beech Bottom Plant during the month of July 2001.

If you should have any questions, please contact Tom Waligura at 304 234-2682.

Sincerely,

Bud E. Smith

Director - Environmental Control

Bul E. Smit

**Enclosures** 

cc:

Joe Hickman (Whg. Office, WVDNR)

**USEPA Region III** 

bcc:

P. Barren

ECMF 2.2.8.1



FACILITY NAME
LOCATION OF FACILITY
PERMIT NUMBER
WASTELOAD FOR MONTH OF

Wheeling-Pittsburgh Steel Corporation

Beech Bottom, Brooke County, WV

WV0004511 OUTLET NO. 004

July 2001

COMMERCIAL LABORATORY NAME
COMMERCIAL LABORATORY ADDRESS
One Triangle Lane
Export, PA 15632
INDIVIDUAL PERFORMING ANALYSIS
Antech Personnel

			Qua	ntity				Other	Units			Measurement	Sample
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Type
Flow	Reported	N/A	N/A	N/A	N/A	0	N/A	0.28	0.28	MGD	0	1/Month	Estimate
50050	Permit Limitation	N/A	N/A	N/A	IV/A		N/A	Monitor	Monitor	NIGD		1/Month	Estimate
Solids, Total	Reported	N/A	23	23	#140	0	N/A	10	10		0	1/Month	Composite
Suspended 00530	Permit Limitation	N/A	Monitor	Monitor	#/day		N/A	Monitor	Monitor	mg/l		1/Month	Composite
Oil & Grease	Reported	N/A	<11.68	<11.68	#/day	0	N/A	<5	<5	mg/l	0	1/Month	Grab
00556	Permit Limitation	N/A	Monitor	Monitor	muay		N/A	Monitor	Monitor	ling.	17.5	1/Month_	Grab
COD	Reported	N/A	187.2	187.2	#/day	0	N/A	80	80	mg/l	0	1/Month	Composite
00340	Permit Limitation	N/A	Monitor	Monitor	w/day		N/A	Monitor	Monitor	9.		1/Month	Composite
TOC	Reported	N/A	39.8	39.8	#/day	0	N/A	17	17	mg/l	0	1/Month	Composite
00680	Permit Limitation	N/A	Monitor	Monitor	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		N/A	Monitor	Monitor			1/Month	Composite
pН	Reported	N/A	N/A	N/A	N/A	0	7.1	N/A	7.6	s.u.	0	1/Week	Grab
00400	Permit Limitation	N/A	N/A	N/A			6.0	N/A	10.0		24.	1/Week	Grab
Chloride	Reported	N/A	655.1	655.1	#/day	0	N/A	280	280	mg/l	0	1/Month	Composite
00940	Permit Limitation	N/A	Monitor	Monitor	maay		N/A	Monitor	Monitor			1/Month	Composite
Name of	Principal Exec	utive Officer		dan	4L-4 4L1			h	ad under mu		D	ate Completed	
James G. Bradley  I certify under penalty of law that this document at direction or supervision in accordance with a system property gather and evaluate the information submit								to assure that qualifi		AUG 1 7 2001			
7.1.1	Title of Offic	er	persons wi	no manage the the the information	system, o submitted	or those is, to the	persons directle best of my kno	y responsible for gowiedge and belief, to	athering the ue, accurate,	Signat		rincipal Executive uthorized Age <b>s</b> t	Officer or
)	President and C.	E.O.		te. I am aware e possibility of fin				for submitting false lations.	intormation,	Be	ul	E. Im	int's

FACILITY NAME

LOCATION OF FACILITY

PERMIT NUMBER

WV0004511

WV0004511

DUTLET NO. 004

WASTELOAD FOR MONTH OF

WY0004511

July 2001

COMMERCIAL LAB

COMMERCIAL LAB

COMMERCIAL LAB

OUTLET NO. 004

INDIVIDUAL PERFO

COMMERCIAL LABORATORY NAME

COMMERCIAL LABORATORY ADDRESS

One Triangle Lane

Export, PA 15632

INDIVIDUAL PERFORMING ANALYSIS

Antech Personnel

		Quantity						Other		Measurement	Sample		
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Type
Total Manganese	Reported	N/A	1.73	1.73	N/A	0	N/A	0.74	0.74	mg/l	0	1/Month	Composite
01055	Permit Limitation	N/A	Monitor	Monitor			N/A	2	4			1/Month	Composite
Total Zinc	Reported	N/A	0.37	0.37	#/day	0	N/A	160	160	μg/l	0	1/Month	Composite
01092	Permit Limitation	N/A	Monitor	Monitor	#ruay		N/A	500	1000	μ9/.		1/Month	Composite
Total Nickel	Reported	N/A	<0.09	<0.09	#/day	0	N/A	<40	<40	μg/l	0	1/Quarter	Composite
01067	Permit Limitation	N/A	Monitor	Monitor	#/uay	and a second	N/A	Monitor	Monitor	P9"		1/Quarter	Composite
Total Lead	Reported	N/A	0.002	0.002	#/day	0	N/A	11	1	μg/l	0	1/Quarter	Composite
01051	Permit Limitation	N/A	Monitor	Monitor	#/day	1 (1 Hz	N/A	Monitor	Monitor	-5'		1/Quarter	Composite
Total Chromium	Reported	N/A	0.03	0.03	#/day	0	N/A	13	13	μg/l	0	1/Quarter	Composite
01032	Permit Limitation	N/A	Monitor	Monitor	"rday		N/A	Monitor	Monitor			1/Quarter	Composite
Total Copper	Reported	N/A	<0.02	<0.02	N/A	0	N/A	<10	<10	μg/l	0	1/Quarter	Composite
01042	Permit Limitation	N/A	Monitor	Monitor	INA		N/A	Monitor	Monitor	-3.		1/Quarter	Composite
Name of	Principal Exec	utive Officer			41-4 41-1		-44 -11 -44	L				ate Completed	
	James G. Brad	ley	direction or	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or									
	Title of Offic	er	and the contract of the contra						incipal Executive thorized Ag <b>e</b> nt	Officer or			
I	President and C.	E.O.		te. I am aware to possibility of fin					intormation,	Bul E. Smit			

FACILITY NAME	Wheeling-Pittsburgh Steel Corporation	COMMERCIAL LABORATORY NAME	Antech Ltd.
LOCATION OF FACILITY	Beech Bottom, Brooke County, WV	COMMERCIAL LABORATORY ADDRESS	One Triangle Lane
PERMIT NUMBER	WV0004511 OUTLET NO. 004		Export, PA 15632
WASTELOAD FOR MONTH OF	July 2001	INDIVIDUAL PERFORMING ANALYSIS	Antech Personnel

			Qua	intity				Other	Units			Measurement	Sample
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Type
Total													
Iron	Reported	N/A	0.3	0.3	#/day	0	N/A	0.13	0.13	mg/l	0	1/Month	Composite
01045	Permit Limitation	N/A	Monitor	Monitor	iii day		N/A	Monitor	Monitor			1/Month	Composite
Sulfate	Reported	N/A	2175.8	2175.8	#/day	0	N/A	930	930	mg/l	0	1/Month	Composite
00945	Permit Limitation	N/A	Monitor	Monitor	#/uay		N/A	Monitor	Monitor	lingii		1/Month	Composite
Total Aluminum	Reported	N/A	1.22	1.22	#Ido:	0	N/A	520	520	110/1	0	1/Month	Composite
01105	Permit Limitation	N/A	Monitor	Monitor	#/day		N/A	Monitor	Monitor	μ <b>g/</b> l	1	1/Month	Composite
Hardness	Reported	N/A	N/A	N/A		0	N/A	N/A	N/A	mg/l	0	1/Year	Composite
00900	Permit Limitation	N/A	N/A	N/A			N/A	N/A	Monitor	mg/i		1/Year	Composite
Acute Toxicity	Reported	N/A	N/A	N/A		0	N/A	N/A	N/A	TUa	0	1/Year	Composite
Daphnia 61425	Permit Limitation	N/A	N/A	N/A			N/A	N/A	2.5	, 00		1/Year	Composite
Acute Toxicity	Reported	N/A	N/A	N/A		0	N/A	N/A	N/A	TUa	0	1/Year	8 Hour Composite
Fathead 61427	Permit Limitation	N/A	N/A	N/A			N/A	N/A	2.5	TOa		1/Year	8 Hour Composite
Name of	Principal Exec	utive Officer									D	ate Completed	
10. 1	James G. Brad		direction or properly ga	properly gather and evaluate the information submitted. Dased on thy inquity of the person of							IG 1 7 2001		
	Title of Offic	er	persons wi	no manage the the information	system, ( submitted	or those I is, to the	persons directly best of my known	y responsible for g wledge and belief, tr	athering the ue, accurate,	Signat		incipal Executive thorized Agent	Officer or
I	President and C	.E.O.	and comple including th	ete. I am aware e possibility of fin	that there	are signi orisonment	are significant penalties for submitting false information, isonment for knowing violations.				-1		

**FACILITY NAME LOCATION OF FACILITY PERMIT NUMBER** 

Wheeling-Pittsburgh Steel Corporation Beech Bottom, Brooke County, WV

COMMERCIAL LABORATORY NAME **COMMERCIAL LABORATORY ADDRESS**  Antech Ltd. One Triangle Lane Export, PA 15632

WASTELOAD FOR MONTH OF

WV0004511 OUTLET NO. 104 July 2001

**INDIVIDUAL PERFORMING ANALYSIS** 

Antech Personnel

				ntity				Other	Units			Measurement	Sample
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Type
Flow	Reported	N/A	N/A	N/A	N/A	0	N/A	0.033	0.037	MGD	0	2/Month	Estimate
50050	Permit Limitation	N/A	N/A	N/A	1,07		N/A	Monitor	0.22	WIGE		2/Month	Estimate
Solids, Total	Reported	N/A	2.45	2.78	#/day	0	N/A	9	9	mg/l	0	2/Month	Composite
Suspended 00530	Permit Limitation	N/A	24.13	49.34	#/uay		N/A	Monitor	Monitor	IIIg/I		2/Month	Composite
Oil & Grease	Reported	N/A	<1.38	<1.54	#/day	0	N/A	<5	<5	mg/l	0	2/Month	Grab
00556	Permit Limitation	N/A	14.46	24.13	"rady		N/A	Monitor	Monitor			2/Month	Grab
COD	Reported	N/A	35.1	35.1	#/day	0_	N/A	150	150	mg/l	0	1/Month	Composite
00340	Permit Limitation	N/A	Monitor	Monitor			N/A	Monitor	Monitor			1/Month	Composite
TOC	Reported	N/A	8.422	8.422	#/day	0	N/A	36	36	mg/l	0	1/Month	Composite
00680	Permit Limitation	N/A	Monitor	Monitor	,		N/A	Monitor	Monitor			1/Month	Composite
рН	Reported	N/A	N/A	N/A	N/A	0	8.1	N/A	9.0	S.U.	0	2/Month	Grab
00400	Permit Limitation	N/A	N/A	N/A	.,,,	90.	6.0	N/A	10.0	5,2.		2/Month	Grab
Sulfate	Reported	N/A	560.4	560.4	#/day	0	N/A	2400	2400	mg/l	0	1/Month	Composite
00945	Permit Limitation	N/A	Monitor	Monitor	i way		N/A	Monitor	Monitor	ling/i		1/Month	Composite
Name of	Principal Exec James G. Brad		direction or	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel property gather and evaluate the information submitted. Based on my inquiry of the person or							ate Completed		
	Title of Offic	er	persons whinformation,	no manage the the the the the the the the the th	system, o submitted	or those is, to the	persons directly best of my kno	y responsible for g wiedge and belief, tr	athering the ue, accurate,	Signat		incipal Executive thorized Agent	Officer or
I	President and C	E.O.		te. I am aware to possibility of fin				for submitting false lations.	information,	R	1	0	• /

FACILITY NAME	Wheeling-Pittsburgh Steel Corporation	COMMERCIAL LABORATORY NAME	Antech Ltd.
LOCATION OF FACILITY	Beech Bottom, Brooke County, WV	COMMERCIAL LABORATORY ADDRESS	One Triangle Lane
PERMIT NUMBER	WV0004511 OUTLET NO. 104		Export, PA 15632
WASTELOAD FOR MONTH OF	July 2001	INDIVIDUAL PERFORMING ANALYSIS	Antech Personnel

	r*	<b></b>											
			Qua	ntity				Other	Units			Measurement	Sample
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Type
Total													
Iron	Reported	N/A	0.038	0.046	N/A	0	N/A	0.14	0.15	mg/l	0	2/Month	Composite
04045	Permit	N/A	0.00	0.57	'\^		41/4	14 -11		19/	10 V	0/1441-	C'4-
01045 Total	Limitation	N/A	0.29	0.57		100	N/A	Monitor	Monitor	ļ	10.00	2/Month	Composite
Total Zinc	Reported	N/A	0.068	0.108		0	N/A	235	350		0	2/Month	Composite
•	Permit	1 1 1 1 1 1 1 1 1		91.00	#/day	S6.334.3				μg/l			
01092	Limitation	N/A	0.27	0.61			N/A	Monitor	Monitor			2/Month	Composite
Total													
Cyanide	Reported	N/A	<0.003	<0.003	#/day	0	N/A	<10	<10	μg/l	0	2/Month	Composite
00700	Permit	N/A	0.05	0.40	mraay		A1/A	Manifes	Manitan	3		2/Month	Composite
00720 Total	Limitation	N/A	0.05	0.13		200	N/A	Monitor	Monitor		A Comment	ZIMODUI	Composite
Chromium	Reported	N/A	<0.003	<0.003	١	0	N/A	<10	<10		0	2/Month	Composite
	Permit				#/day					μg/l	Solution I		
01032	Limitation	N/A	0.08	0.19		) W	N/A	Monitor	Monitor			2/Month	Composite
Total													
Copper	Reported	N/A	<0.003	<0.003	#/day	0	N/A	<10	<10	μg/l	0	2/Month	Composite
04040	Permit		0.05	0.40	maay		A1/A	14		F-9.		Olldanth	C
01042	Limitation	N/A	0.25	0.46		1000	N/A	Monitor	Monitor	-	Sult.	2/Month	Composite
Hardness	Reported	N/A	N/A	N/A		0	N/A	N/A	650	_	0	1/Quarter	Composite
	Permit				N/A	1				mg/l	100		
00900	Limitation	N/A	N/A	N/A			N/A	N/A	Monitor			1/Quarter	Composite
Name of	Principal Exec	utive Officer									D	ate Completed	
	James G. Brad							hments were prepare to assure that qualifie		AUG 1 7 2001			
								on my inquiry of the					0.00
	Title of Offic	er						y responsible for g wiedge and belief, tr		Signati		incipal Executive thorized Agent	Officer or
	President and C.	E.O.	and comple		that there	are signi	ficant penalties	for submitting false		12			• .
_			moluting th	a <del>โกร</del> มกแห่ง ดูเ แน	e anu mip	i iau i i i i i i i i i	IOI KIIOWIIIG VIO	iauviia.		Bul E. Said			

#### August 17, 2001

Attachment for the July 2001 DMR for the Beech Bottom Plant.

#### Beech Bottom Plant

There were no exceedances of the Daily Maximium limitations or Monthly Average limitations at the Beech Bottom Plant in July 2001.

# WHEELING-PITTSBURGH STEEL CORPORATION BEECH BOTTOM PLANT THIRD QUARTER 2001 SPECIAL SAMPLING DATA

SAMPLE POINT	SAMPLE DATE	PARAMETER	CONCENTRATION (mg/l)
INTAKE WATER WELL	07/12/2001	COD TOC TOTAL SUSP. SOLIDS pH (S.U.) TOT. DISS. SOLIDS TOTAL IRON TOTAL MANGANESE CONDUCTIVITY (UMHO)	<5.0 1.8 8 6.3 1000 2.7 0.76 460
CONTACT COOLING WATER	07/12/2001	COD TOC TOTAL SUSP. SOLIDS pH (S.U.)	170 37 8 6.9

BUD, E. SMITH DIRECTOR ENVIRONMENTAL CONTROL (304) 234-2662



July 11, 2001

Mr. Allyn Turner, Chief WV Department of Environmental Protection Water Resources Division 1201 Greenbrier Street Charleston, WV 25311-1088

UPS NEXT DAY AIR (Delivery Confirmation)

Re:

Wheeling-Pittsburgh Steel Corporation

**Beech Bottom Plant** 

NPDES Permit #WV0004511 Discharge Monitoring Report

June 2001

Dear Mr. Turner:

Enclosed is the completed discharge monitoring report for the Beech Bottom Plant of Wheeling-Pittsburgh Steel Corporation covering the month of <u>June 2001</u>

There were no exceedances on the DMR's at the Beech Bottom Plant during the month of June 2001.

If you should have any questions, please contact Tom Waligura at 304 234-2682.

Sincerely,

Bud E. Smith

Director - Environmental Control

Bul E. Smith

Enclosures

CC:

Joe Hickman (Whg. Office, WVDNR)

USEPA Region III

bcc:

P. Barren

ECMF 2.2.8.1



Antech Ltd.

One Triangle Lane

Export, PA 15632

Antech Personnel

FACILITY NAME

LOCATION OF FACILITY

Beech Bottom, Brooke County, WV

COMMERCIAL LABORATORY NAME

COMMERCIAL LABORATORY ADDRESS

PERMIT NUMBER

WV0004511

OUTLET NO. 004

WASTELOAD FOR MONTH OF

June 2001

INDIVIDUAL PERFORMING ANALYSIS

			Qua	ntity				Other	Units			Measurement	Sample
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Туре
Flow	Report	N/A	N/A	N/A	N/A	0	N/A	0.1	0.1	MGD	0	1/Month	Estimate
50050	Permit Limitation	N/A	N/A	N/A			N/A	Monitor	Monitor			1/Month	Estimate
Solids, Total	Report	N/A	39	39	#/day	0	N/A	47	47	Mg/I	0	1/Month	Composite
Suspended 00530	Permit Limitation	N/A	Monitor	Monitor	maay		N/A	Monitor	Monitor	lvig/i		1/Month	Composite
Oil & Grease	Report	N/A	<4.17	<4.17	#/day	0	N/A	<5	<5	Mg/I	0	1/Month	Grab
00556	Permit Limitation	N/A	Monitor	Monitor	#rddy		N/A	Monitor	Monitor	Wigh		1/Month	Grab
COD	Report	N/A	183.8	183.8	#/day	0	N/A	220	220	Mg/l	0	1/Month	Composite
00340	Permit Limitation	N/A	Monitor	Monitor	miday		N/A	Monitor	Monitor	lvig/i		1/Month	Composite
TOC	Report	N/A	15.9	15.9	#/day	0	N/A	19	19	Mg/l	0	1/Month	Composite
00680	Permit Limitation	N/A	Monitor	Monitor	mady.		N/A	Monitor	Monitor	lgr.		1/Month	Composite
рН	Report	N/A	N/A	N/A	N/A	0	7.3	N/A	7.9	s.u.	0	1/Week	Grab
00400	Permit Limitation	N/A	N/A	N/A	14//	1	6.0	N/A	10.0	3.0.		1/Week	Grab
Chloride	Report	N/A	40.9	40.9	#/day	0	N/A	49	49	Mg/I	0	1/Month	Composite
00940	Permit Limitation	N/A	Monitor	Monitor	#rday		N/A	Monitor	Monitor	l mg/i		1/Month	Composite
Name of	Principal Exec	utive Officer	l contitu	das -analks af las	., 4L-4 4L!		at and all attac				D	ate Completed	
	James G. Brad	ley	direction or	supervision in ac	cordance	with a sy	stem designed t	hments were prepare to assure that qualific I on my inquiry of the	ed personnel	JUL 1 1 2001			
	Title of Offic	er	persons wi	no manage the s the information s	system, o submitted	or those is, to the	persons directly best of my kno	y responsible for g wledge and belief, tr	athering the ue, accurate,	Signature of Principal Executive Officer			
F	President and C	E.O.		te. I am aware to possibility of fin				for submitting false lations.	information,	Bul E. Sin			

Antech Ltd.

One Triangle Lane

Export, PA 15632

Antech Personnel

FACILITY NAME

LOCATION OF FACILITY

Beech Bottom, Brooke County, WV

COMMERCIAL LABORATORY NAME

COMMERCIAL LABORATORY ADDRESS

PERMIT NUMBER

WV0004511

OUTLET NO. 004

WASTELOAD FOR MONTH OF

June 2001

INDIVIDUAL PERFORMING ANALYSIS

			Qua	ntity				Other	Units			Measurement	Sample
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Туре
Total								-					
Manganese	Report	N/A	0.92	0.92	N/A	0	N/A	1.1	1,1	Mg/I	0	1/Month	Composite
01055	Permit Limitation	N/A	Monitor	Monitor	1 1		N/A	2	4	1119/1		1/Month	Composite
Total								<del></del>					
Zinc	Report	N/A	1.09	1.09	#/day	0	N/A	1300	1300	Ug/I	2	1/Month	Composite
	Permit				#/uay					1 09/1			
01092	Limitation	N/A	Monitor	Monitor			N/A	500	500		100	1/Month	Composite
Total Nickel	Report	N/A	N/A	N/A		l 0	N/A	N/A	N/A		0	1/Quarter	Composite
	Permit	1	, w.,	1	#/day	1000		, , , , ,	· · · · · · · · · · · · · · · · · · ·	Ug/I			
01067	Limitation	N/A	Monitor	Monitor			N/A	Monitor	Monitor		140	1/Quarter	Composite
Total													
Lead	Report	N/A	N/A	N/A	#/day	0	` N/A	N/A	N/A	Ug/I	0	1/Quarter	Composite
01051	Permit Limitation	N/A	Monitor	Monitor	""	, S	N/A	Monitor	Monitor	J Gg/	0.44	1/Quarter	Composite
Total	Limaton	1 10/1	World	WONTO			14//	Worker	·	ļ		1, 4,00,10,	- Composite
Chromium	Report	N/A	N/A	N/A		0	N/A	N/A	N/A	11-0	0	1/Quarter	Composite
	Permit				#/day	-				Ug/I	100		,
01032	Limitation	N/A	Monitor	Monitor			N/A	Monitor	Monitor	ļ		1/Quarter	Composite
Total						_				ļ			
Copper	Report	N/A	N/A	N/A	- N/A	0	N/A	N/A	N/A	- Ug/I	0	1/Quarter	Composite
01042	Permit Limitation	N/A	Monitor	Monitor			N/A	Monitor	Monitor			1/Quarter	Composite
			I Worldon	Notifici		<u> </u>	1 1975	I WOTHLOT	I Monto			ate Completed	
Name of	Principal Exe							hments were prepar					
	James G. Brad	lley	direction or	supervision in a	ccordance	with a sy	rstem designed	to assure that qualifi d on my inquiry of t	ed personnel	301 1 1 2000			
	Title of Offic	er	persons wi	ho manage the , the information	system, submitted	or those I is, to the	persons direct best of my kno	y responsible for gowledge and belief, to	gathering the rue, accurate,	Signature of Principal Executive Office			
	President and C	.E.O.		ete. I am aware ne possibility of flo				for submitting false lations.	information,	Bul & hi-			

FACILITY NAME	Wheeling-Pittsburgh Steel Corporation	COMMERCIAL LABORATORY NAME	Antech Ltd.
LOCATION OF FACILITY	Beech Bottom, Brooke County, WV	COMMERCIAL LABORATORY ADDRESS	One Triangle Lane
PERMIT NUMBER	WV0004511 OUTLET NO. 004		Export, PA 15632
WASTELOAD FOR MONTH OF	June 2001	INDIVIDUAL PERFORMING ANALYSIS	Antech Personnel

		T					1						
				ntity					Units			Measurement	Sample
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Туре
Total	_												
Iron	Report	N/A	0.29	0.29	#/day	0	N/A	0.35	0.35	Mg/I	0	1/Month	Composite
01045	Permit Limitation	N/A	Monitor	Monitor	,,,,,,,		N/A	Monitor	Monitor	i iigii		1/Month	Composite
		1		William.			1,07	William	Wielike			17/4/0/101	Composito
Sulfate	Report	N/A	718.6	718.6		0	N/A	860	860		0	1/Month	Composite
	Permit				#/day					Mg/l			
00945	Limitation	N/A	Monitor	Monitor			N/A	Monitor	Monitor			1/Month	Composite
Total						1							
Aluminum	Report	N/A	<0.083	<0.083	#/day	0	N/A	<100	<100	Ug/I	0	1/Month	Composite
01105	Permit Limitation	N/A	Monitor	Monitor	,,,day		N/A	Monitor	Monitor	09/1		1/Month	Composito
01103	Littilation	IN/A	·	IVIOTITO	15.00		IV/A	MUTITUI	MOHILUI	<del> </del>		I/MOHUI	Composite
Hardness	Report	N/A	N/A	N/A		0	N/A	N/A	N/A	Mg/I	0	1/Year	Composite
	Permit									ivig/i			
00900	Limitation	N/A	N/A	N/A	# 15 S	100	N/A	N/A	Monitor			1/Year	Composite
Acute	Donort	N/A	N/A	N/A	40	0	N/A	N/A	N/A	}	ا م ا	10000	Commonite
Toxicity Daphnia	Report Permit	IN/A	N/A	N/A		<u> </u>	IN/A	IN/A	IN/A	Tua	0	1/Year	Composite
61425	Limitation	N/A	N/A	N/A		1.57	N/A	N/A	2.5			1/Year	Composite
Acute	T. M.	1,777	, , , , ,	1,07,	100		1071	1077				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	8 Hour
Toxicity	Report	N/A	N/A	N/A		0	N/A	N/A	N/A	T	0	1/Year	Composite
Fathead	Permit									Tua			8 Hour
61427	Limitation	N/A	N/A	N/A			N/A	N/A	2.5			1/Year	Composite
Name of	Principal Exec	utive Officer									D	ate Completed	
	James G. Brad	ley	direction or	supervision in ac	cordance	with a sy	stem designed	hments were prepar to assure that qualifi d on my inquiry of t	ed personnel	JUL 1 1 2001			
	Title of Offic	er	persons white information,	o manage the the information	system, submitted	or those I is, to the	persons directle best of my know	y responsible for gowledge and belief, to	athering the ue, accurate,	the Signature of Principal Executive Office to Authorized Agen			
F	President and C	E.O.		te. I am aware to possibility of fin				for submitting false lations.	information,	Bul E. Smit			

FACILITY NAME
LOCATION OF FACILITY
PERMIT NUMBER

Wheeling-Pittsburgh Steel Corporation
Beech Bottom, Brooke County, WV

COMMERCIAL LABORATORY NAME
COMMERCIAL LABORATORY ADDRESS

Antech Ltd.
One Triangle Lane
Export, PA 15632

WASTELOAD FOR MONTH OF

WV0004511 OUTLET NO. 104
June 2001

INDIVIDUAL PERFORMING ANALYSIS

Antech Personnel

			Qua	ntity				Other	Units			Measurement	Sample	
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Type	
Flow	Report	N/A	N/A	N/A	N/A	0	N/A	0.021	0.022	MGD	0	2/Month	Estimate	
50050	Permit Limitation	N/A	N/A	N/A	14//		N/A	Monitor	0.22			2/Month	Estimate	
Solids, Total	Report	N/A	2.39	2.39	#11-	0	N/A	14	15		0	2/Month	Composite	
Suspended 00530	Permit Limitation	N/A	24.13	49.34	#/day		N/A	Monitor	Monitor	Mg/l		2/Month	Composite	
Oil & Grease	Report	N/A	<0.88	<0.92	#/day	0	N/A	<5	<5	Mg/l	0	2/Month	Grab	
00556	Permit Limitation	N/A	14.46	24.13	#/uay		N/A	Monitor	Monitor	Wigh		2/Month	Grab	
COD	Report	N/A	47.6	47.6	#/day	0	N/A	300	300	Mg/l	0	1/Month	Composite	
00340	Permit Limitation	N/A	Monitor	Monitor	#/uay		N/A	Monitor	Monitor	l mg/i		1/Month	Composite	
TOC	Report	N/A	10.32	10.32	#/day	0	N/A	65	65	Mg/I	0	1/Month	Composite	
00680	Permit Limitation	N/A	Monitor	Monitor	.,, a.s.,		N/A	Monitor	Monitor			1/Month	Composite	
рН	Report	N/A	N/A ·	N/A	N/A	0	8.1	N/A	9.0	s.u.	0	2/Month	Grab	
00400	Permit Limitation	N/A	N/A	N/A			6.0	N/A	10.0			2/Month	Grab	
Sulfate	Report	N/A	221.84	221.84	#/day	0	N/A	1400	1400	Mg/l	0	1/Month	Composite	
00945	Permit Limitation	N/A	Monitor	Monitor	#rdby		N/A	Monitor	Monitor			1/Month	Composite	
Name of	Principal Exec	utive Officer	L cortific un	dar nanalty of la	u that th	ie decume	ent and all attac	hments were prepar	ed under my	Date Completed				
	James G. Brad	ley	direction or	supervision in a	ccordance	with a sy	stem designed	to assure that qualified on my inquiry of t	ied personnel	JUL 1 1 2001				
	Title of Offic	er	persons winformation	persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate,  Authorized Agent						•	Officer or			
·	President and C	.E.O.		ete. I am aware ne possibility of fir				for submitting false plations.	information,	Bul E. Smit				

Wheeling-Pittsburgh Steel Corporation **FACILITY NAME** COMMERCIAL LABORATORY NAME Antech Ltd. Beech Bottom, Brooke County, WV One Triangle Lane **COMMERCIAL LABORATORY ADDRESS** LOCATION OF FACILITY **PERMIT NUMBER** WV0004511 OUTLET NO. 104 Export, PA 15632 WASTELOAD FOR MONTH OF June 2001 INDIVIDUAL PERFORMING ANALYSIS Antech Personnel

			Qua	ntity			Other	Units			Measurement	Sample	
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Туре
Total	Donat	AI/A	0.000	0.00			NI/A	0.455	0.40		•	0/14	0
Iron	Report Permit	N/A	0.026	0.03	N/A	0	N/A	0.155	0.19	Mg/l	0	2/Month	Composite
01045	Limitation	N/A	0.29	0.57			N/A	Monitor	Monitor			2/Month	Composite
Total Zinc	Report	N/A	0.086	0.106	#/	0	N/A	515	670	11-0	0	2/Month	Composite
01092	Permit Limitation	N/A	0.27	0.61	#/day		N/A	Monitor	Monitor	Ug/I		2/Month	Composite
Total Cyanide	Report	N/A	<0.002	<0.002		0	N/A	<10	<10		0	2/Month	Composite
00720	Permit Limitation	N/A	0.05	0.13	#/day		N/A	Monitor	Monitor	Ug/l		2/Month	Composite
Total Chromium	Report	N/A	<0.002	<0.002	4/1-	0	N/A	<10	<10	11-0	0	2/Month	Composite
01032	Permit Limitation	N/A	0.08	0.19	#/day		N/A	Monitor	Monitor	Ug/I		2/Month	Composite
Total Copper	Report	N/A	<0.002	<0.002	#/day	0	N/A	<10	<10	Ug/I	0	2/Month	Composite
01042	Permit Limitation	N/A	0.25	0.46	#/day		N/A	Monitor	Monitor	Ug/i		2/Month	Composite
Hardness	Report	N/A	N/A	N/A	N/A	0	N/A	N/A	N/A	Mg/I	0	1/Quarter	Composite
00900	Permit Limitation	N/A	N/A	N/A	IN/A		N/A	N/A	Monitor	Wight		1/Quarter	Composite
Name of	Name of Principal Executive Officer								D	ate Completed			
James G. Bradley  I certify under penalty of law that this document of the direction or supervision in accordance with a properly gather and evaluate the information				with a sy	stem designed	to assure that qualifi	ed personnel			JUL 1 1 2	<b>:001</b>		
	Title of Officer person information				persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate,					Signati		incipal Executive thorized Agent	Officer or
]	President and C		te. I am aware e possibility of fin				for submitting false lations.	Information,	Bu	16	· Im	J's	

#### STATE OF WEST VIRGINIA STREAM SAMPLING REPORT FORM

Date:	June 20	001	Stream Flow:	No Flow	GPD
Type of Sampling:	X	_ Grab:	Composite:	Other	(Describe):
Type of Sampling:	Mine R	tun (downstrea	m) at the confluence	with the Ohio Riv	ver
Other (Describe):	Storm	Water Runoff	Stream Sampli	ng Station No.:	2
Type of Activity:		Landfil	l: Sp	ray Irrigation:	
Location:	Beech	Bottom, WV	_ Permit Number	er: WV00045	511
Company Name:	Wheeli	ng-Pittsburgh	Steel Corporation		

PARAMETER	CONCENTRATION	UNITS		
Oil and Grease	-	Mg/l		
Chromium (Total)	-	Mg/l		
Cyanide (Total)	<u>-</u>	Mg/l		
Iron (Total)	-	Mg/l		
Zinc (Total)	-	Mg/l		
PH	-	Mg/l		

#### STATE OF WEST VIRGINIA STREAM SAMPLING REPORT FORM

Company Name:	Wheeling-Pittsburgh St	eel Corporation		
Location:	Beech Bottom, WV	Permit Number	: WV00045	11
Type of Activity:	Landfill:	Spr	ay Irrigation:	
Other (Describe):	Storm Water Runoff	Stream Samplin	g Station No.:	1
Type of Sampling:	Mine Run (upstream) ac	djacent to Route 2		
Type of Sampling:	X Grab:	Composite: _	Other	(Describe):
Date:	June 2001	Stream Flow:	No Flow	GPD

PARAMETER	CONCENTRATION	UNITS
Oil and Grease	-	Mg/l
Chromium (Total)	-	Mg/l
Cyanide (Total)	-	Mg/l
Iron (Total)	-	Mg/l
Zinc (Total)	-	Mg/l
PH	-	Mg/l

Attachment for the June 2001 DMR's for the Beech Bottom Plant.

#### Beech Bottom Plant

There was one exceedance of the Daily Maximium limitation for Total Zinc at the main discharge (outlet 004) for the Beech Bottom Plant in June 2001.

A sample collected on June 15, 2001 yielded a Total Zinc concentration of 1300 ug/l. The Daily Maximum limitation is 1000 ug/l. The monthly Average Total Zinc concentration limit of 500 ug/l was also exceeded in June because of the high zinc concentration in the sample of 6/15/01.

Plant personnel investigated the possible cause of the higher than normal Total Zinc concentration and determined that an inexperienced operator lowered the level in one of the settling basins at the wasterwater treatment plant during a decant which allowed more solids than normal to be discharged.

This operator has been re-trained on the proper procedure for decanting the settling basins to reduce solids carryover.

# WHEELING-PITTSBURGH STEEL CORPORATION BEECH BOTTOM PLANT SECOND QUARTER 2001 SPECIAL SAMPLING DATA

SAMPLE POINT	SAMPLE DATE	PARAMETER	CONCENTRATION (mg/l)
INTAKE WATER WELL	4/18/01	COD TOC TOTAL SUSP. SOLIDS pH (S.U.) TOT. DISS. SOLIDS TOTAL IRON TOTAL MANGANESE CONDUCTIVITY (UMHO)	<5.0 2 9 7.4 870 5.4 1.4 1300
CONTACT COOLING WATER	4/18/01	COD TOC TOTAL SUSP. SOLIDS pH (S.U.)	330 60 <4 7.6

BUD. E. SMITH DIRECTOR ENVIRONMENTAL CONTROL (304) 234-2662



June 19, 2001

Mr. Allyn Turner, Chief WV Department of Environmental Protection Water Resources Division 1201 Greenbrier Street Charleston, WV 25311-1088

UPS NEXT DAY AIR (Delivery Confirmation)

Re:

Wheeling-Pittsburgh Steel Corporation

**Beech Bottom Plant** 

NPDES Permit #WV0004511 Discharge Monitoring Report May 2001

Dear Mr. Turner:

Enclosed is the completed discharge monitoring report for the Beech Bottom Plant of Wheeling-Pittsburgh Steel Corporation covering the month of <u>May 2001</u>

There were no exceedances on the DMR's at the Beech Bottom Plant during the month of May 2001.

If you should have any questions, please contact Jim Howell at 304 234-4223.

Sincerely,

Bul E. Smith

Director - Environmental Control

**Enclosures** 

cc:

Joe Hickman (Whg. Office, WVDNR)

USEPA Region III

bcc:

J. M. Howell

P. Barren

ECMF 2.2.8.1



FACILITY NAME	Wheeling-Pittsburgh Steel Corporation	COMMERCIAL LABORATORY NAME	Antech Ltd.	
LOCATION OF FACILITY	Beech Bottom, Brooke County, WV	COMMERCIAL LABORATORY ADDRESS	One Triangle Lane	
PERMIT NUMBER	WV0004511 OUTLET NO. 004		Export, PA 15632	
WASTELOAD FOR MONTH OF	May 2001	INDIVIDUAL PERFORMING ANALYSIS	Antech Personnel	

	Quantity						Other Units					Measurement	Sample
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Type
Flow	Report Permit	N/A	N/A	N/A	N/A	0	N/A	0.14	0,14	MGD	0	1/Month	Estimate
50050	Limitation	N/A	N/A	N/A			N/A	Monitor	Monitor			1/Month	Estimate
Solids, Total	Report	N/A	8	8	#/day	0	N/A	7	7	Mg/l	0	1/Month	Composite
Suspended 00530	Permit Limitation	N/A	Monitor	Monitor	#rday		N/A	Monitor	Monitor	IVI9/I		1/Month	Composite
Oil & Grease	Report	N/A	<5.84	<5.84	#/day	0	N/A	<5	<5	Mg/I	0	1/Month	Grab
00556	Permit Limitation	N/A	Monitor	Monitor			N/A	Monitor	Monitor			1/Month	Grab
COD	Report	N/A	90.1	90.1	#/day	0	N/A	77	77	Mg/l	0	1/Month	Composite
00340	Permit Limitation	N/A	Monitor	Monitor	#/duy	*	N/A	Monitor	Monitor	Wight		1/Month	Composite
TOC	Report	N/A	17.5	17.5	#/day	0	N/A	15	15	Mg/I	0	1/Month	Composite
00680	Permit Limitation	N/A	Monitor	Monitor	aa,		N/A	Monitor	Monitor			1/Month	Composite
рН	Report	N/A	N/A	N/A	N/A	0	7.4	N/A	8.2	s.u.	0	1/Week	Grab
00400	Permit Limitation	N/A	N/A	N/A	1,7,7		6.0	N/A	10.0			1/Week	Grab
Chloride	Report	N/A	339.2	339.2	#/day	0	N/A	290	290	Mg/l	0	1/Month	Composite
00940	Permit Limitation	N/A	Monitor	Monitor	#/uay		N/A	Monitor	Monitor	Wigh		1/Month	Composite
Name of	Name of Principal Executive Officer							D	ate Completed				
	James G. Bradley  i certify under penalty of law that this document and all attachments were prepared under direction or supervision in accordance with a system designed to assure that qualified person properly gather and evaluate the information submitted. Based on my inquiry of the person					ed personnel			- 19-01				
	Title of Officer persons who manage the system, information, the information submitte				system, d submitted	or those is, to the	persons directly best of my kno	y responsible for g wledge and belief, tr	athering the ue, accurate,	Signat		incipal Executive thorized Agent	Officer or
President and C.E.O.  and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.					ul	E. In	int						

FACILITY NAME

LOCATION OF FACILITY

Beech Bottom, Brooke County, WV

PERMIT NUMBER

WV0004511

WASTELOAD FOR MONTH OF

Wheeling-Pittsburgh Steel-Corporation

COMMERCIAL LABORATORY NAME

COMMERCIAL LABORATORY ADDRES

WV0004511

OUTLET NO. 004

INDIVIDUAL PERFORMING ANALYSIS

L LABORATORY NAME	Antech Ltd.
L LABORATORY ADDRESS	One Triangle Lane
	Export, PA 15632
PERFORMING ANALYSIS	Antech Personnel

			Qua	ntity	Other Units					Measurement	Sample		
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Type
Total Manganese	Report	N/A	1.87	1.87	N/A	0	N/A	1.6	1.6	Mg/l	0	1/Month	Composite
01055	Permit Limitation	N/A	Monitor	Monitor	IN/A		N/A	2	4	Wigh		1/Month	Composite
Total Zinc	Report	N/A	0.3	0.3	#/day	0	N/A	260	260	Ug/l	0	1/Month	Composite
01092	Permit Limitation	N/A	Monitor	Monitor	", day		N/A	500	500	-3.		1/Month	Composite
Total Nickel	Report	N/A	N/A_	N/A	#/day	0	N/A	N/A	N/A	- Ug/I	0	1/Quarter	Composite
01067	Permit Limitation	N/A	Monitor	Monitor	, cu,		N/A	Monitor	Monitor			1/Quarter	Composite
Total Lead	Report	N/A	N/A	N/A	#/day	0	N/A	N/A	N/A	Ug/l	0	1/Quarter	Composite
01051	Permit Limitation	N/A	Monitor	Monitor	ii/ddy		N/A	Monitor	Monitor			1/Quarter	Composite
Total Chrom <del>i</del> um	Report	N/A	N/A	N/A	#/day	0	N/A	N/A	N/A	Ug/I	0	1/Quarter	Composite
01032	Permit Limitation	N/A	Monitor	Monitor	m/day	143	N/A	Monitor	Monitor			1/Quarter	Composite
Total Copper	Report	N/A	N/A	N/A	N/A	0	N/A	N/A	N/A	Ug/I	0	1/Quarter	Composite
01042	Permit Limitation	N/A	Monitor	Monitor	19/0		N/A	Monitor	Monitor			1/Quarter	Composite
Name of Principal Executive Officer							D	ate Completed					
James G. Bradley  I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or					ied personnel the person or			6-19-					
Title of Officer per			persons w	persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information,					Signat		rincipal Executive 1thorized Agent	Officer or	
]	ete. I am aware ne possibility of fi	that there ne and imp	e are sign prisonmen	t for knowing vio	olations.	e mormation,	Be	ul E	6. J	1			

FACILITY NAME
LOCATION OF FACILITY
PERMIT NUMBER
WASTELOAD FOR MONTH OF

Wheeling-Pittsburgh Steel Corporation									
Beech Bottom, B	Beech Bottom, Brooke County, WV								
WV0004511	WV0004511 OUTLET NO. 004								
May 2001									

COMMERCIAL LABORATORY NAME	Antech Ltd.
COMMERCIAL LABORATORY ADDRESS	One Triangle Lane
	Export, PA 15632
INDIVIDUAL PERFORMING ANALYSIS	Antech Personnel

			Qua	ntity				Other	Units			Measurement	Sample	
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Туре	
Total Iron	Report	N/A	0.11	0.11	#/day	0	N/A	0.092	0.092	Mg/l	0	1/Month	Composite	
01045	Permit Limitation	N/A	Monitor	Monitor	#/day		N/A	Monitor	Monitor	ling/i		1/Month	Composite	
Sulfate	Report	N/A	795.4	795.4	#/day	0	N/A	680	680	Mg/l	0	1/Month	Composite	
00945	Permit Limitation	N/A	Monitor	Monitor	au,		N/A	Monitor	Monitor			1/Month	Composite	
Total Aluminum	Report	N/A	<0.117	<0.117	#/day	0	N/A	<100	<100	Ug/I	0	1/Month	Composite	
01105	Permit Limitation	N/A	Monitor	Monitor	#/Uay		N/A	Monitor	Monitor	- Ogn		1/Month	Composite	
Hardness	Report	N/A	N/A	N/A		0	N/A	N/A	N/A	Mg/l	0	1/Year	Composite	
00900	Permit Limitation	N/A	N/A	N/A			N/A	N/A	Monitor	Mig/i		1/Year	Composite	
Acute Toxicity	Report	N/A	N/A	N/A		0	N/A	N/A	N/A	Tua	0	1/Year	Composite	
Daphnia 61425	Permit Limitation	N/A	N/A	N/A			N/A	N/A	2.5	100		1/Year	Composite	
Acute Toxicity	Report	N/A	N/A	N/A		0	N/A	N/A	N/A	Tua	0	1/Year	8 Hour Composite	
Fathead 61427	Permit Limitation	N/A	N/A	N/A			N/A	N/A	2.5	lua		1/Year	8 Hour Composite	
	Principal Exec										D	ate Completed		
	James G. Bradley direction or supervision in accordance					with a sy	a system designed to assure that qualified personnel on submitted. Based on my inquiry of the person or					- /		
	Title of Officer persons who manage the information, the information				system, submitted	or those I is, to the	se persons directly responsible for gathering the the best of my knowledge and belief, true, accurate, ignificant penalties for submitting false information,				Authorized Agent			
	President and C	and completing the	ete. I am aware ne possibility of fir	that there	e are sign prisonmen	t for knowing vic	olations.	s illiorillation,	15	eul	E. h	1		

FACILITY NAME
LOCATION OF FACILITY
PERMIT NUMBER
WASTEL OAD EOD MONTH

Wheeling-Pittsburgh Steel Corporation
Beech Bottom, Brooke County, WV

COMMERCIAL LABORATORY NAME
COMMERCIAL LABORATORY ADDRESS
Antech Ltd.
One Triangle Lane
Export, PA 15632

 PERMIT NUMBER
 WV0004511
 OUTLET NO. 104

 WASTELOAD FOR MONTH OF
 May 2001

INDIVIDUAL PERFORMING ANALYSIS

Antech Personnel

			Qua	ntity				Other	Units			Measurement	Sample
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Type
Flow	Report	N/A	N/A	N/A	N/A	0	N/A	0.031	0.032	MGD	0	2/Month	Estimate
50050	Permit Limitation	N/A	N/A	N/A	I IVA		N/A	Monitor	0.22	IVIOD		2/Month	Estimate
Solids, Total	Report	N/A	1.44	1.87	#/day	0	N/A	5.5	7	Mg/l	0	2/Month	Composite
Suspended 00530	Permit Limitation	N/A	24.13	49.34	#/uay		N/A	Monitor	Monitor	IVIG/1		2/Month	Composite
Oil & Grease	Report	N/A	<1.29	<1.33	#/day	0	N/A	<5	<5	Mg/l	0	2/Month	Grab
00556	Permit Limitation	N/A	14.46	24.13	maay		N/A	Monitor	Monitor	l mg/i		2/Month	Grab
COD	Report	N/A	35.1	35.1	#/day	0	N/A	140	140	Mg/l	0	1/Month	Composite
00340	Permit Limitation	N/A	Monitor	Monitor	maay		N/A	Monitor	Monitor			1/Month	Composite
тос	Report	N/A	8.021	8.021	#/day	0	N/A	32	32	Mg/l	0	1/Month	Composite
00680	Permit Limitation	N/A	Monitor	Monitor	"rady	100	N/A	Monitor	Monitor			1/Month	Composite
рН	Report	N/A	N/A	N/A	N/A	0	7.6	N/A	7.9	S.U.	0	2/Month	Grab
00400	Permit Limitation	N/A	N/A	N/A			6.0	N/A	10.0			2/Month	Grab
Sulfate	Report	N/A	350.28	350.28	#/day	0	N/A	1400	1400	Mg/l	0_	1/Month	Composite
00945	Permit Limitation	N/A	Monitor	Monitor	,,,ddy		N/A	Monitor	Monitor			1/Month	Composite
Name of	Name of Principal Executive Officer										D	ate Completed	
	James G. Bradley  I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or											-19-01	
Title of Officer  persons who manage the system, or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accur							gathering the large, accurate,	Signat		rincipal Executive uthorized Agent	Officer or		
I	President and C.E.O.  and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.										1	0	-1

**FACILITY NAME** Wheeling-Pittsburgh Steel Corporation Antech Ltd. **COMMERCIAL LABORATORY NAME LOCATION OF FACILITY** Beech Bottom, Brooke County, WV **COMMERCIAL LABORATORY ADDRESS** One Triangle Lane **PERMIT NUMBER** WV0004511 OUTLET NO. 104 Export, PA 15632 Antech Personnel **WASTELOAD FOR MONTH OF** May 2001 INDIVIDUAL PERFORMING ANALYSIS

			Qua	ntity				Other	Units			Measurement	Sample
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Туре
Total Iron	Report	N/A	0.043	0.085	N/A	0	N/A	0.17	0.34	Mg/l	_0	2/Month	Composite
01045	Permit Limitation	N/A	0.29	0.57			N/A	Monitor	Monitor	3		2/Month	Composite
Total Zinc	Report	N/A	0.2	0.294	#/day	0	N/A	760	1100	Ug/I	0	2/Month	Composite
01092	Permit Limitation	N/A	0.27	0.61	mody.		N/A	Monitor	Monitor	Og/i		2/Month	Composite
Total Cyanide	Report	N/A	<0.003	<0.003	#/4	0	N/A	<10	<10	l laf	0	2/Month	Composite
00720	Permit Limitation	N/A	0.05	0.13	#/day		N/A	Monitor	Monitor	Ug/l		2/Month	Composite
Total Chromium	Report	N/A	<0.003	<0.003	#/day	0	N/A	<10	<10	Ug/l	0	2/Month	Composite
01032	Permit Limitation	N/A	0.08	0.19	#/day		N/A	Monitor	Monitor	- Ogn		2/Month	Composite
Total Copper	Report	N/A	<0.003	<0.003	#/day	0	N/A	<10	<10	Ug/I	0	2/Month	Composite
01042	Permit Limitation	N/A	0.25	0.46	#/Uay		N/A	Monitor	Monitor	- Ogn		2/Month	Composite
Hardness	Report	N/A	N/A	N/A	N/A	0	N/A	N/A	N/A	Mg/l	0	1/Quarter	Composite
00900	Permit Limitation	N/A	N/A	N/A	IN/A		N/A	N/A	Monitor	lg.,		1/Quarter	Composite
Name of	Principal Exec	utive Officer									D	ate Completed	
	James G. Bradley direction of property of				ccordance the info	with a sy	a system designed to assure that qualified personnel on submitted. Based on my inquiry of the person or						
	Title of Office	information	the information	submitted	is, to the	best of my kno	y responsible for gowledge and belief, to	rue, accurate,	Signat		incipal Executive thorized Agent	Officer or	
]	President and C	and comple including th	ete. I am aware te possibility of fir	that there	are signi orisonment	iticant penalties It for knowing vio	for submitting false lations.	miormation,	Bu	ul E	o Im	J.	

#### STATE OF WEST VIRGINIA STREAM SAMPLING REPORT FORM

Company Name:	Wheelin	ng-Pittsburgh St	eel Corporation		
Location:	Beech I	Bottom, WV	Permit Number	er: WV00045	11
Type of Activity:		Landfill:	Sp	oray Irrigation:	
Other (Describe):	Storm V	Water Runoff	_ Stream Sampli	ing Station No.:	2
Type of Sampling:	Mine R	un (downstream	) at the confluence	with the Ohio Riv	er
Type of Sampling:	X	Grab:	Composite:	Other	(Describe):
Date:	May 20	01	Stream Flow:	No Flow	GPD

PARAMETER	CONCENTRATION	UNITS
Oil and Grease	-	Mg/l
Chromium (Total)	-	Mg/l
Cyanide (Total)	-	Mg/l
Iron (Total)	-	Mg/l
Zinc (Total)	-	Mg/l
РН	-	Mg/l

#### STATE OF WEST VIRGINIA STREAM SAMPLING REPORT FORM

Company Name:	Wheeling-Pittsburgh Ste	el Corporation		
Location:	Beech Bottom, WV	Permit Number	: WV00045	11
Type of Activity:	Landfill:	Spr	ay Irrigation:	
Other (Describe):	Storm Water Runoff	_ Stream Samplin	g Station No.:	1
Type of Sampling:	Mine Run (upstream) ad	jacent to Route 2		
Type of Sampling:	X Grab:	Composite: _	Other	(Describe):
Date:	May 2001	Stream Flow:	No Flow	GPD

PARAMETER	CONCENTRATION	UNITS
Oil and Grease	<u>-</u>	Mg/l
Chromium (Total)	-	Mg/l
Cyanide (Total)	-	Mg/l
Iron (Total)	-	Mg/l
Zinc (Total)	-	Mg/l
РН	-	Mg/l

BUD. E. SMITH DIRECTOR ENVIRONMENTAL CONTROL (304) 234-2662



May 17, 2001

Mr. Allyn Turner, Chief WV Department of Environmental Protection Water Resources Division 1201 Greenbrier Street Charleston, WV 25311-1088

UPS NEXT DAY AIR (Delivery Confirmation)

Re:

Wheeling-Pittsburgh Steel Corporation

**Beech Bottom Plant** 

NPDES Permit #WV0004511 Discharge Monitoring Report

<u>April 2001</u>

Dear Mr. Turner:

Enclosed is the completed discharge monitoring report for the Beech Bottom Plant of Wheeling-Pittsburgh Steel Corporation covering the month of <u>April 2001</u>

On April 19, 2001, we exceeded the permit limitations for Zinc Total/Daily and Zinc Total Monthly Average at Outfall BBP004. We previously installed a procedure and policy that in order to pump wastewater from the coil coating line's cleaning section to the WWTP, the WWTP operator had to unlock and turn on the pump. This enabled the operator to control the timing of the influent to the WWTP, and the influent would not arrive while we were treating water at the plant.

However, the pump that can be locked out went bad and has been sent out for repairs. In the absence of this pump, a portable unit was installed and someone at the paint line turned it on during a treatment cycle. The water on top of the clarifier tested good prior to dumping but the sludge bed had not settled, causing the exceedance. The old system will be put back into operation.

If you should have any questions, please contact Jim Howell at 304 234-4223.

Sincerely,

Bud E. Smith

Director - Environmental Control

Bul E. Smit

**Enclosures** 

cc: Joe Hickman (Whg. Office, WVDN

USEPA Region III

bcc: J. M. Howell P. Barren

ECMF 2.2.8.1

**FACILITY NAME LOCATION OF FACILITY** PERMIT NUMBER WASTELOAD FOR MONTH OF Wheeling-Pittsburgh Steel Corporation Beech Bottom, Brooke County, WV

OUTLET NO. 004

**COMMERCIAL LABORATORY NAME COMMERCIAL LABORATORY ADDRESS**  Antech Ltd. One Triangle Lane

WV0004511 April 2001

Export, PA 15632

INDIVIDUAL PERFORMING ANALYSIS

Antech Personnel

			Qua	ntity				Other	Units			Measurement	Sample
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Type
Flow	Report	N/A	N/A	N/A	N/A	0	N/A	0.12	0.12	MGD	0	1/Month	Estimate
50050	Permit Limitation	N/A	N/A	N/A	IVA		N/A	Monitor	Monitor	WIOD		1/Month	Estimate
Solids, Total	Report	N/A	36	36	#/day	0	N/A	36	36	Mg/l	0	1/Month	Composite
Suspended 00530	Permit Limitation	N/A	Monitor	Monitor	#/day		N/A	Monitor	Monitor	Wigh		1/Month	Composite
Oil & Grease	Report	N/A	<5	<5	#/day	0	N/A	<5	<5	Mg/l	0	1/Month	Grab
00556	Permit Limitation	N/A	Monitor	Monitor		No Pu	N/A	Monitor	Monitor			1/Month	Grab
COD	Report	N/A	130.3	130.3	#/day	0	N/A	130	130	Mg/l	0	1/Month	Composite
00340	Permit Limitation	N/A	Monitor	Monitor	,,,,,,,		N/A	Monitor	Monitor			1/Month	Composite
тос	Report	N/A	26.1	26.1	#/day	0	N/A	26	26	Mg/l	0	1/Month	Composite
00680	Permit Limitation	N/A	Monitor	Monitor		712 m	N/A	Monitor	Monitor			1/Month	Composite
рН	Report	N/A	N/A	N/A	N/A	0	7.5	N/A	7.8	s.u.	0	1/Week	Grab
00400	Permit Limitation	N/A	N/A	N/A	.,,,		6.0	N/A	10.0			1/Week	Grab
Chloride	Report	N/A	68.2	68.2	#/day	0	N/A	68	68	Mg/l	0	1/Month	Composite
00940	Permit Limitation	N/A	Monitor	Monitor	#/day		N/A	Monitor	Monitor	W.g/i		1/Month	Composite
Name of	Principal Exec	utive Officer	1 475	d	41-4 41-1		-4 -m-l all attac	h	and under my		D	ate Completed	
	James G. Bradley  I certify under penalty of law that this docum direction or supervision in accordance with a properly gather and evaluate the information							to assure that qualifi	ied personnel				
	Title of Officer persons who manage the system, or those information, the information submitted is, to the						persons directly best of my known	y responsible for gowledge and belief, to	pathering the rue, accurate,	Signat		incipal Executive thorized Agent	Officer or
F	President and C	E.O.		ete. I am aware e possibility of fir				for submitting false lations.	intormation,	Be	ul E	S. Am	1

Wheeling-Pittsburgh Steel Corporation **FACILITY NAME COMMERCIAL LABORATORY NAME** Antech Ltd. Beech Bottom, Brooke County, WV One Triangle Lane **LOCATION OF FACILITY COMMERCIAL LABORATORY ADDRESS** PERMIT NUMBER WV0004511 OUTLET NO. 004 Export, PA 15632 WASTELOAD FOR MONTH OF Antech Personnel April 2001 **INDIVIDUAL PERFORMING ANALYSIS** 

							•						
			Qua	ntity				Other	Units			Measurement	Sample
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Type
Total	-												
Manganese	Report	N/A	1.2	1.2	N/A	0	N/A	1.2	1.2	Mg/l	0	1/Month	Composite
01055	Permit Limitation	N/A	Monitor	Monitor	''''		N/A	2	4	,g	1000	1/Month	Composite
Total	Limitation	1.00	Mornio	Inormor			14,71		·	<del> </del>	Paled World Lowers	michan	Composito
Zinc	Report	N/A	2.91	2.91	l	0	N/A	2900	2900	l	2	1/Month	Composite
	Permit	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			#/day					Ug/l	200 4 3 4		
01092	Limitation	N/A	Monitor	Monitor			N/A	500	500			1/Month	Composite
Total	Damart	AUA	0.0					00	00			410	0
Nickel	Report	N/A	0.9	0.9	#/day	0	N/A	89	89	Ug/I	0	1/Quarter	Composite
01067	Permit Limitation	N/A	Monitor	Monitor			N/A	Monitor	Monitor			1/Quarter	Composite
Total													
Lead	Report	N/A	0.007	0.007	#/day	0	N/A	7	7	- Ug/l	0	1/Quarter	Composite
04054	Permit				#/uay	2.50	A1/A			- Cg/i	s worth.	4/0	0
01051	Limitation	N/A	Monitor	Monitor		142 / 142	N/A	Monitor	Monitor			1/Quarter	Composite
Total Chromium	Report	N/A	0.015	0.015		0	N/A	15	15		0	1/Quarter	Composite
Omomium	Permit	10/3	0.010	0.010	#/day	- 40				Ug/I			
01032	Limitation	N/A	Monitor	Monitor			N/A	Monitor	Monitor		600	1/Quarter	Composite
Total													
Copper	Report	N/A	<0.01	<0.01	N/A	0	N/A	<10	<10	Ug/l	0	1/Quarter	Composite
01042	Permit Limitation	N/A	Manitaa	Manitan	1 1	1	N/A	Monitor	Monitor	J 3,.	100	1/Quarter	Composite
			Monitor	Monitor	l	12.000 (11.	I N/A	Nionitoi	1 WOULD	.L.,	Kapa saras		Composite
Name of	Principal Exec	utive Officer	l certify und	der penalty of lav	w that thi	s docume	nt and all attac	hments were prepare	ed under my		<u> </u>	ate Completed	
	James G. Bradley direction or supervision in accordance with a property gather and evaluate the information					with a sy	stem designed (	to assure that qualifi	ed personnel		5.	-17-0	9/
	Title of Officer persons who manage the system, or those information, the information submitted is, to the					or those	persons directly	y responsible for g	athering the	Signat		incipal Executive	Officer or
I	President and C.E.O.  and complete. I am aware that ther including the possibility of fine and im								information,	Bu	16	· hi	1

**FACILITY NAME** Wheeling-Pittsburgh Steel Corporation **COMMERCIAL LABORATORY NAME** Antech Ltd. Beech Bottom, Brooke County, WV LOCATION OF FACILITY **COMMERCIAL LABORATORY ADDRESS** One Triangle Lane PERMIT NUMBER WV0004511 OUTLET NO. 004 Export, PA 15632 WASTELOAD FOR MONTH OF April 2001 INDIVIDUAL PERFORMING ANALYSIS Antech Personnel

	Quantity							Other		Measurement	Sample			
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Туре	
Total														
iron	Report	N/A	0.59	0.59	#/day	0	N/A	0.59	0.59	Mg/l	0	1/Month	Composite	
01045	Permit Limitation	N/A	Monitor	Monitor	,,,ouy		N/A	Monitor	Monitor	, ingr		1/Month	Composite	
Sulfate	Report	N/A	621.6	621.6	#14	0	N/A	620	620	NA-11	0	1/Month	Composite	
00945	Permit Limitation	N/A	Monitor	Monitor	#/day		N/A	Monitor	Monitor	Mg/l	17.00	1/Month	Composite	
Total Aluminum	Report	N/A	0.15	0.15		0	N/A	150	150		0	1/Month	Composite	
01105	Permit Limitation	N/A	Monitor	Monitor	#/day		N/A	Monitor	Monitor	Ug/I		1/Month	Composite	
Hardness	Report	N/A	N/A	N/A		0	N/A	N/A	N/A	Mg/l	0	1/Year	Composite	
00900	Permit Limitation	N/A	N/A	N/A		100	N/A	N/A	Monitor	Wigh		1/Year	Composite	
Acute Toxicity	Report	N/A	N/A	N/A		0	N/A	N/A	N/A	Tua	0	1/Year	Composite	
Daphnia 61425	Permit Limitation	N/A	N/A	N/A			N/A	N/A	2.5	Tua	115	1/Year	Composite	
Acute Toxicity	Report	N/A	N/A	N/A		0	N/A	N/A	N/A	Tua	0	1/Year	8 Hour Composite	
Fathead 61427	Permit Limitation	N/A	N/A	N/A			N/A	N/A	2.5	Tua		1/Year	8 Hour Composite	
	Principal Exec			1					,		D	ate Completed		
	James G. Bradley direction or supervisio					Ity of law that this document and all attachments were prepared under my sion in accordance with a system designed to assure that qualified personnel evaluate the information submitted. Based on my inquiry of the person or						5-17-01		
	Title of Offic	persons wi information	persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate,  Authorized Agent								Officer or			
]	President and C	E.O.		ete. I am aware e possibility of fir				for submitting false plations.	information,	Be	ul	E. In	its	

**FACILITY NAME** Wheeling-Pittsburgh Steel Corporation Antech Ltd. COMMERCIAL LABORATORY NAME Beech Bottom, Brooke County, WV LOCATION OF FACILITY **COMMERCIAL LABORATORY ADDRESS** One Triangle Lane **PERMIT NUMBER** WV0004511 OUTLET NO. 104 Export, PA 15632 WASTELOAD FOR MONTH OF April 2001 INDIVIDUAL PERFORMING ANALYSIS Antech Personnel

			Qua	ntity	·			Other	Units			Measurement	Sample
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Type
Flow	Report	N/A	N/A	N/A	N/A	0	N/A	0.026	0.032	MGD	0	2/Month	Estimate
50050	Permit Limitation	N/A	N/A	N/A	107		N/A	Monitor	0.22			2/Month	Estimate
Solids, Total	Report	N/A	1.86	1.87	#/day	0	N/A	9	11	Mg/l	0	2/Month	Composite
Suspended 00530	Permit Limitation	N/A	24.13	49.34	iii day		N/A	Monitor	Monitor	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		2/Month	Composite
Oil & Grease	Report	N/A	0.22	0.43	#/day	0	N/A	0.8	1.6	Mg/I	0	2/Month	Grab
00556	Permit Limitation	N/A	14.46	24.13	ii/day		N/A	Monitor	Monitor	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		2/Month	Grab
COD	Report	N/A	42.8	42.8	#/day	0	N/A	160	160	Mg/l	0	1/Month	Composite
00340	Permit Limitation	N/A	Monitor	Monitor	ii/day		N/A	Monitor	Monitor	1119/1		1/Month	Composite
TOC	Report	N/A	8.289	8.289	#/day	0	N/A	31	31	Mg/l	0	1/Month	Composite
00680	Permit Limitation	N/A	Monitor	Monitor	maay		N/A	Monitor	Monitor			1/Month	Composite
pН	Report	N/A	N/A	N/A	N/A	0	8.8	N/A	9.0	s.u.	0	2/Month	Grab
00400	Permit Limitation	N/A	N/A	N/A	14/7		6.0	N/A	10.0	0.0.		2/Month	Grab
Sulfate	Report	N/A	373.63	373.63	#/day	0	N/A	1400	1400	Mg/l	0	1/Month	Composite
00945	Permit Limitation	N/A	Monitor	Monitor	W/ddy		N/A	Monitor	Monitor	lg.		1/Month	Composite
Name of	Name of Principal Executive Officer  I certify under penalty of law that this document and all attachments were prepared under my										D	ate Completed	
	James G. Bradley    direction or supervision in accordance with a system designed to assure that qualified personnel property gather and evaluate the information submitted. Based on my inquiry of the person or									5-17-01			
	Title of Offic	er	persons wi	persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate,  Authorized Agenta								•	Officer or
J	President and C	.E.O.		te. I am aware e possibility of fin				for submitting false lations.	information,	13	cul	E. fr	nut's

FACILITY NAME	Wheeling-Pittsburgh Steel-Corporation	COMMERCIAL LABORATORY NAME	Antech Ltd.
LOCATION OF FACILITY	Beech Bottom, Brooke County, WV	COMMERCIAL LABORATORY ADDRESS	One Triangle Lane
PERMIT NUMBER	WV0004511 OUTLET NO. 104		Export, PA 15632
WASTELOAD FOR MONTH OF	April 2001	INDIVIDUAL PERFORMING ANALYSIS	Antech Personnel

		T					T.						
				ntity					Units			Measurement	Sample
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Type
Total	·												
Iron	Report	N/A	0.016	0.037	N/A	0	N/A	0.07	0.14	Mg/I	0	2/Month	Composite
01045	Permit Limitation	N/A	0.29	0.57	'*'		N/A	Monitor	Monitor			2/Month	Composite
Total													
Zinc	Report	N/A	0.046	0.075	#/day	0	N/A	187	280	Ug/I	0	2/Month	Composite
	Permit				#/Gay					) Ug/i			
01092	Limitation	N/A	0.27	0.61			N/A	Monitor	Monitor			2/Month	Composite
Total Cyanide	Report	N/A	<0,002	<0.003		0	N/A	<10	<10		0	2/Month	Composite
Cyamac	Permit	10//	10,002	10.000	#/day		14//	- 10	1	Ug/l		<u> </u>	Composito
00720	Limitation	N/A	0.05	0.13			N/A	Monitor	Monitor			2/Month	Composite
Total													
Chromium	Report	N/A	<0.002	<0.003	#/day	0	N/A	<10	<10	Ug/i	0	2/Month	Composite
01032	Permit Limitation	N/A	0.08	0.19	#/uay		N/A	Monitor	Monitor	Og/	P.W.	2/Month	Composite
Total	Limitation	INA	0.00	0.19		CVL-68-78-28-28	19/7	INIOTITO	WOING	<del> </del>	275828003035	Ziviona	Composito
Copper	Report	N/A	<0.002	0.004	#/dox	0	N/A	<10	14	Ug/I	0	2/Month	Composite
	Permit				#/day	* 100	-			) Ug/i			
01042	Limitation	N/A	0.25	0.46			N/A	Monitor	Monitor			2/Month	Composite
Hardness	Report	N/A	N/A	N/A	ļ <b>.</b>	0	N/A	N/A	550	14-4	0	1/Quarter	Composite
110.01100	Permit				N/A	100				Mg/I	1 1 1 2		
00900	Limitation	N/A	N/A	N/A			N/A	N/A	Monitor			1/Quarter	Composite
Name of	Principal Exec	utive Officer									D	ate Completed	
- Control of the Cont	James G. Brad	ley	direction or	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel									
	Title of Offic	er	persons wi	properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate,  Authorized Agent									Officer or
I	President and C.		ete. I am aware e possibility of fir				for submitting false lations.	information,	Be	ul E	o In	1	



JIM HOWELL
MANAGER ENVIRONMENTAL- WCC
PH: 304/234-4223
FAX: 304/234-4202

May 16, 2001

WV Department of Environmental Protection Office of Water Resources 1201 Greenbrier Street Charleston, WV 25311 Attention: Pravin G. Sangani, P.E.

RE: WV/NPDES Permit No. WV0004511

Violations of Permit Limits @ Outlet 104

Corrected DMR's

Dear Mr. Sangani:

Please find enclosed the corrected DMR's for January and February at Outlet 104 at Wheeling Corrugating Company's, Beech Bottom Plant.

As you can see there were no exceedences during either January or February of 2001. I apologized for any inconvience this may have caused.

If you should have any questions or need additional information, please do not hesitate to call me at (304)234-4223.

Sincerely,

Jim Howell

Manager, Environmental - WCC

CC:

B. Smith '

T. Waligura

JH:lm

c:\My Files\JH-violation at outfall 104.m15

Antech Ltd. FACILITY NAME COMMERCIAL LABORATORY NAME Wheeling Pittsburgh Steel Corporation One Triangle Lane LOCATION OF FACILITY Beech Bottom, Brooke County, WV COMMERCIAL LABORATORY ADDRESS 104 Export, PA 15632 WV0004511 OUTLET NO. PERMIT NUMBER January Antech Personnel 2001 WASTELOAD FOR MONTH OF INDIVIDUAL PERFORMING ANALYSIS

			Quantity					Other	Units			Measuremen	Sample
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Туре
Flow	Report Permit	N/A	N/A	N/A	N/A	0	N/A	0.024	0.028	MGD	0	2/month	Estimate
50050	Limitation	N/A	N/A	N/A_			N/A	Monitor	0.22			2/month	Estimate
Solids, Total	Report	N/A	0.325	0.65	#/day	0	N/A	2	4	mg/l	0	2/month	Composite
Suspended 00530	Permit Limitation	N/A	24.13	49.34			N/A	Monitor	Monitor			2/month	Composite
Oil & Grease	Report	N/A	<1.001	<1.17	#/day	0	N/A	<5	<5	mg/l	0	2/month	Grab
00556	Permit Limitation	N/A	14.46	24.13			N/A	Monitor	Monitor			2/month	Grab
сор	Report	N/A	24.2	24.2	#/day	0	N/A	150	150	mg/l	0	1-month	Composite
00340	Permit Limitation	N/A	Monitor	Monitor	<u> </u>		N/A	Moni tor	Monitor			1/month	Composite
тос	Report	N/A	4.838	4.838	#/day	0	N/A	30	30	mg/l	0	1/month	Composite
00680	Permit Limitation	N/A	Monitor	Monitor			N/A	Monitor	Monitor			1/month	Composite
рн	Report	N/A	N/A	N/A	N/A	0	8.9	N/A	9.1	s.u.	0	2/month	Grab
00400	Permit Limitation	N/A	N/A	N/A			6.0	N/A	10.0			2/month	Grab
Sulfate	Report	N/A	139.44	139.44	#/day	0	N/A	880	880	mg/l	0	1/month	Composite
00945	Permit Limitation	N/A	Monitor	Monitor			N/A	Monitor	Monitor			1/month	Composite
	Name of Principal Exec. Officer   I cortify under penalty of law that this									Da	ate Comp	oleted	
Jame	s G. Bradley	′	designed to ass	ure that qualifie	d person	nel prop	eriy gather s	nd evaluate	4	5-15-0	21		
Titl	e of Officer		the information	Authorized Agent				fficer or					
Presid	ent and C.E.	0.	gathering the in knowledge and	are that there	. 0								
			are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.										

FACILITY NAME		Wheeling P	ittsburgh Steel	Corporation			COMMERCIAL	LABORATORY NA	ME		Antech	Ltd.			
LOCATION OF FA	CILITY	Beech Bott	om, Brooke Coun	ity, WV			COMMERCIAL	LABORATORY AD	DRESS		One T	riangle Lan	e		
PERMIT NUMBER		WV0004511		OUTLET NO.	104					Export, PA 15632					
WASTELOAD FOR	MONTH OF		January	2001			INDIVIDUAL	VIDUAL PERFORMING ANALYSIS			Antech Personnel				
							T								
Parameter		Minimum	Quantity Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Other Avg. Monthly	Units Max. Daily	Units	N.E.	Measuremen Frequency	Sample Type		
Parameter		HITTING	Avg. Hortcity	Hax. Daity	Onres		HITTING	Avg. Homency	· ·	OTTICS	<del>"</del>	Trequency	1,752		
Total	Report	N/A	0.0175	0.022	N/A	0	N/A	0.085	0.092	mg/l	0	2/month	Composite		
I ron 01045	Permit Limitation	N/A	0.29	0.57			N/A	Montitor	Monitor			2/month	composite		
Total	Report	N/A	0.0465	0.059	#/day	0	N/A	230	250	ug/l	0	2/month	Composite		
Zinc 01092	Permit Limitation	N/A	0.27	0.61			N/A	Montitor	Monitor			2/month	Composite		
Total	Report	N/A	<0.002	<0.002	#/day	0	N/A	<10	<10	ug/l	0	2/month	Composite		
Cyanide 00720	Permit Limitation	N/A	0.05	0.13			N/A	Monitor	Monitor			2/month	Composite		
Total Chromium	Report	N/A	<0.002	<0.002	#/day	0	N/A	<10	<10	ug/l	0	2/month	Composite		
01032	Permit Limitation	N/A	0.08	0.19			N/A	Monitor	Monitor			2/month	Composite		
Total Copper	Report	N/A	<0.002	<0.002	#/day	0	N/A	<10	<10	ug/l	0	2/month	Composite		
01042	Permit Limitation	N/A	0.25	0.46			N/A	Monitor	Monitor			2/month	Composite		
Hardness	Report	N/A	N/A	N/A	N/A	0	N/A	N/A	N/A	mg/l	0	1/quarter	Composite		
00900	Permit Limitation	N/A	N/A	N/A			N/A	N/A	Monitor			1/quarter	Composite		
Name of Pri	ncipal Exec.	Officer	l certify under p	enalty of law th	at this d	ocumen	t and all atta	chments were		Di	ate Com	oleted			
Jam	es G. Bradle	prepared under designed to ass	-	•			-		5-1	15-01					
Tit				submitted. Bas nage the syster			-		Signature of Principal Executive Officer or				fficer or		
Presi	dent and C.E	.0.	gathering the in	•			-					d Agent			
	knowledge and belief, true, accurate and are significant penalties for submitting fa				-										
	possibility of fine and imprisonment for b				knowing	violations.									

FACILITY NAME	Wheeling-Pittsburgh Steel Corporation	COMMERCIAL LABORATORY NAME	Antech Ltd.
LOCATION OF FACILITY	Beech Bottom, Brooke County, WV	COMMERCIAL LABORATORY ADDRESS	One Triangle Lane
PERMIT NUMBER	WV0004511 OUTLET NO. 104	•	Export, PA 15632
WASTELOAD FOR MONTH OF	February 2001	INDIVIDUAL PERFORMING ANALYSIS	Antech Personnel

			Qua	ntity				Other		Measurement	Sample			
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Туре	
Flow	Report	N/A	N/A	N/A	N/A	0	N/A	0.016	0.018	MGD	0	2/Month	Estimate	
50050	Permit Limitation	N/A	N/A	N/A			N/A	Monitor	0.22			2/Month	Estimate	
Solids, Total	Report	N/A	0.52	1.03	1.03 #/day	0	N/A	4.5	9	Mg/l	0	2/Month	Composite	
Suspended 00530	Permit Limitation	N/A	24.13	49.34	#/day		N/A	Monitor	Monitor	lvig,	****	2/Month	Composite	
Oil & Grease	Report	N/A	<0.67	<0.75	#/day	0	N/A	<5	<5	Mg/I	0	2/Month	Grab	
00556	Permit Limitation	N/A	14.46	24.13	#/day		N/A	Monitor	Monitor	Wigh		2/Month	Grab	
COD	Report	N/A	34.3	34.3	#/day	0	N/A	300	300	Mg/I	0	1/Month	Composite	
00340	Permit Limitation	N/A	Monitor	Monitor	,,,,,,,,		N/A	Monitor	Monitor			1/Month	Composite	
TOC	Report	N/A	9.158	9.158	9.158 #/day	0	N/A	80	80	Mg/l	0	1/Month	Composite	
00680	Permit Limitation	N/A	Monitor	Monitor			N/A	Monitor	Monitor			1/Month	Composite	
рН	Report	N/A	N/A	N/A	N/A	0	7.65	N/A	8.0	s.u.	0	2/Month	Grab	
00400	Permit Limitation	N/A	N/A	N/A			6.0	N/A	10.0			2/Month	Grab	
Sulfate	Report	N/A	233.52	233.52	#/day	0	N/A	2,000	2,000	Mg/I	0	1/Month	Composite	
00945	Permit Limitation	N/A	Monitor	Monitor	maay		N/A	Monitor	Monitor	Wigh		1/Month	Composite	
Name of	Name of Principal Executive Officer  I certify under penalty of law that this document and all attachments were prepared under my										D	ate Completed		
	James G. Brad	lley	direction or	supervision in a	ccordance	with a sy	stem designed	nments were prepar to assure that qualifi d on my inquiry of t	ed personnel		5-19	5-01		
77.1.7	Title of Officer persons who manage the system information, the information sub-					or those is, to the	persons directle best of my known	y responsible for gowledge and belief, to	rue, accurate,		A -	rincipal Executive uthorized Agent		
I	President and C	.E.O.	and comple including th	ete. I am aware ne possibility of fir	that there	are signi orisonmen	significant penalties for submitting false information, mment for knowing violations.				Bu	Cul C. Smit		

LUKKELILU

# STATE OF WEST VIRGINIA NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM DISCHARGE MONITORING REPORT

Wheeling-Pittsburgh Steel Corporation **COMMERCIAL LABORATORY NAME** Antech Ltd. **FACILITY NAME** Beech Bottom, Brooke County, WV One Triangle Lane **LOCATION OF FACILITY COMMERCIAL LABORATORY ADDRESS PERMIT NUMBER** WV0004511 OUTLET NO. 104 Export, PA 15632 WASTELOAD FOR MONTH OF February 2001 INDIVIDITAL PERFORMING ANALYSIS Antech Personnel

WASTELOAD	FOR MONTH C	)F Febr	uary 2001				IN	DIVIDUAL PERFO	DRMING ANAL	YSIS		Antech Personne	
		I	Qua	ntity			Other Units					Measurement	Sample
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Type
Total													
Iron	Report	N/A	0.046	0.055	N/A	0	N/A	0.34	0.36	Mg/I	0	2/Month	Composite
01045	Permit Limitation	N/A	0.29	0.57	1100		N/A	Monitor	Monitor	Wigh		2/Month	Composite
Total Zinc	Report	N/A	0.022	0.023	#/day	0	N/A	165	180	Ug/I	0	2/Month	Composite
01092	Permit Limitation	N/A	0.27	0.61	#/Uay		N/A	Monitor	Monitor	Og/i		2/Month	Composite
Total Cyanide	Report	N/A	<0.001	<0.002	#/40	0	N/A	<10	<10	- Ug/I	0	2/Month	Composite
00720	Permit Limitation	N/A	0.05	0.13	#/day		N/A	Monitor	Monitor	- Ug/i		2/Month	Composite
Total Chromium	Report	N/A	<0.001	<0.002	#/day	0	N/A	<10	<10	Ug/I	0	2/Month	Composite
01032	Permit Limitation	N/A	0.08	0.19	#/day		N/A	Monitor	Monitor	Ug/I		2/Month	Composite
Total Copper	Report	N/A	<0.001	<0.002		0	N/A	<10	<10		0	2/Month	Composite
01042	Permit Limitation	N/A	0.25	0.46	#/day		N/A	Monitor	Monitor	Ug/I		2/Month	Composite
Hardness	Report	N/A	N/A	N/A		0	N/A	N/A	800		0	1/Quarter	Composite
00900	Permit Limitation	N/A	N/A	N/A	N/A		N/A	N/A	Monitor	Mg/l		1/Quarter	Composite
Name of	Principal Exec	utive Officer				<u> </u>					D	ate Completed	
	James G. Brad		direction or	supervision in a	ccordance	with a sy	stem designed	hments were prepar to assure that qualifi I on my inquiry of t	ed personnel		5-15		
	Title of Offic	er	persons wi information,	o manage the the information	system, o	or those is, to the	persons directl best of my kno	y responsible for g wledge and belief, tr	athering the ue, accurate,	Signati		incipal Executive thorized Agent	Officer or
1	President and C		te. I am aware e possibility of fir				for submitting false lations.	information,			E. Sunt	į.	



BUD. E. SMITH DIRECTOR ENVIRONMENTAL CONTROL (304) 234-2662

April 17, 2001

Mr. Allyn Turner, Chief WV Department of Environmental Protection Water Resources Division 1201 Greenbrier Street Charleston, WV 25311-1088

UPS NEXT DAY AIR (Delivery Confirmation)

Re:

Wheeling-Pittsburgh Steel Corporation

**Beech Bottom Plant** 

NPDES Permit #WV0004511 Discharge Monitoring Report

March 2001

Dear Mr. Turner:

Enclosed is the completed discharge monitoring report for the Beech Bottom Plant of Wheeling-Pittsburgh Steel Corporation covering the month of <u>March 2001</u>

There were no exceedances on the DMR's at the Beech Bottom Plant during the month of March 2001.

If you should have any questions, please contact Jim Howell at 304 234-4223.

Sincerely,

Bud E. Smith

Director - Environmental Control

Bul E. Smit

**Enclosures** 

cc:

Joe Hickman (Whg. Office, WVDNR)

USEPA Region III

bcc:

J. M. Howell

P. Barren

ECMF 2.2.8.1



**FACILITY NAME LOCATION OF FACILITY** PERMIT NUMBER WASTELOAD FOR MONTH OF Wheeling-Pittsburgh Steel Corporation Beech Bottom, Brooke County, WV

COMMERCIAL LABORATORY NAME **COMMERCIAL LABORATORY ADDRESS**  Antech Ltd. One Triangle Lane

WV0004511 OUTLET NO. 004 March 2001

Export, PA 15632

INDIVIDUAL PERFORMING ANALYSIS

Antech Personnel

			Qua	ntity				Other	Units			Measurement	Sample
Parameter		Minimum	Avg. Monthiy	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Type
Flow	Report	N/A	N/A	N/A	N/A	0	N/A	0.13	0.13	MGD	0	1/Month	Estimate
50050	Permit Limitation	N/A	N/A	N/A	14//		N/A	Monitor	Monitor			1/Month	Estimate
Solids, Total	Report	N/A	15	15	#/day	0	N/A	14	14	d Mg/l	0	1/Month	Composite
Suspended 00530	Permit Limitation	N/A	Monitor	Monitor	"rday	. 10	N/A	Monitor	Monitor			1/Month	Composite
Oil & Grease	Report	N/A	<5.4	<5.4	#/day	0	N/A	<5	<5	Mg/l	0	1/Month	Grab
00556	Permit Limitation	N/A	Monitor	Monitor	day		N/A	Monitor	Monitor			1/Month	Grab
COD	Report	N/A	108.6	108.6	#/day	0	N/A	100	100	Mg/l	0	1/Month	Composite
00340	Permit Limitation	N/A	Monitor	Monitor	#/day	10.4	N/A	Monitor	Monitor	g,,		1/Month	Composite
тос	Report	N/A	9	9	#/day	0	N/A	8.3	8.3	Mg/l	0	1/Month	Composite
00680	Permit Limitation	N/A	Monitor	Monitor	,,, day		N/A	Monitor	Monitor			1/Month	Composite
рН	Report	N/A	N/A	N/A	N/A	0	7.3	N/A	7.6	s.u.	0	1/Week	Grab
00400	Permit Limitation	N/A	N/A	N/A	1,77		6.0	N/A	10.0			1/Week	Grab
Chloride	Report	N/A	1737.9	1737.9	#/day	0	N/A	1600	1600	Mg/l	0	1/Month	Composite
00940	Permit Limitation	N/A	Monitor	Monitor	#raay		N/A	Monitor	Monitor			1/Month	Composite
Name of Principal Executive Officer  I certify under penalty of law that this document and all attachments were prepared under my							ad under my			ate Completed			
James G. Bradley  direction or supervision in accordance with a syst properly gather and evaluate the information sub-						stem designed	to assure that qualifi	ed personnel		4-1	17-01		
	Title of Officer persons who manage the system, or information, the information submitted in					or those is, to the	persons directi best of my kno	ly responsible for gowiedge and belief, to	rue, accurate,	Signat		incipal Executive thorized Agent	Officer or
President and C.E.O.  and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.						E. In	· /						

FACILITY NAME	Wheeling-Pittsburgh Steel Corporation	COMMERCIAL LABORATORY NAME	Antech Ltd.
LOCATION OF FACILITY	Beech Bottom, Brooke County, WV	COMMERCIAL LABORATORY ADDRESS	One Triangle Lane
PERMIT NUMBER	WV0004511 OUTLET NO. 004		Export, PA 15632
WASTELOAD FOR MONTH OF	March 2001	INDIVIDUAL PERFORMING ANALYSIS	Antech Personnel

			Qua	ntity				Other	Units			Measurement	Sample
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Type
Total Manganese	Report	N/A	1	1	N/A	0	N/A	0.92	0.92	Mg/l	0	1/Month	Composite
01055	Permit Limitation	N/A	Monitor	Monitor	IN/A		N/A	2	4	IVIG/I		1/Month	Composite
Total Zinc	Report	N/A	0.24	0.24	#/day	0	N/A	220	220	Ug/I	0	1/Month	Composite
01092	Permit Limitation	N/A	Monitor	Monitor	mraay		N/A	500	500	Og/i		1/Month	Composite
Total Nickel	Report	N/A	0.02	0.02	#/day	0	N/A	17	17	Ug/I	0	1/Quarter	Composite
01067	Permit Limitation	N/A	Monitor	Monitor	muay		N/A	Monitor	Monitor	09/1		1/Quarter	Composite
Total Lead	Report	N/A	0.002	0.002	#/day	0	N/A	2	2	Ug/i	0	1/Quarter	Composite
01051	Permit Limitation	N/A	Monitor	Monitor	,,,day		N/A	Monitor	Monitor	J		1/Quarter	Composite
Total Chromium	Report	N/A	<0.011	<0.011	#/day	0	N/A	<10	<10	Ug/I	0	1/Quarter	Composite
01032	Permit Limitation	N/A	Monitor	Monitor		4	N/A	Monitor	Monitor			1/Quarter	Composite
Total Copper	Report	N/A	<0.011	<0.011	N/A	0	N/A	<10	<10	Ug/I	0	- 1/Quarter	Composite
01042	Permit Limitation	N/A	Monitor	Monitor			N/A	Monitor	Monitor			1/Quarter	Composite
Name of Principal Executive Officer   I certify under penalty of law that this document and all attachments							ad under my		D	ate Completed			
James G. Bradley direction or supervision in accordance with a system					stem designed ibmitted. Base	to assure that qualifi d on my inquiry of t	ed personnel he person or			17-01			
Title of Officer persons who manage the information, the information.				no manage the the the the	system, submitted	or those I is, to the	persons directly best of my known	ly responsible for gowledge and belief, to	pathering the rue, accurate,	Signature of Principal Executive Officer or Authorized Agent			Officer or
]	President and C		ete. I am aware e possibility of fir				for submitting false plations.	information,	R	ul i	e L	•	

Wheeling-Pittsburgh Steel Corporation Antech Ltd. **FACILITY NAME COMMERCIAL LABORATORY NAME** One Triangle Lane Beech Bottom, Brooke County, WV **COMMERCIAL LABORATORY ADDRESS LOCATION OF FACILITY** Export, PA 15632 OUTLET NO. 004 PERMIT NUMBER WV0004511 INDIVIDUAL PERFORMING ANALYSIS Antech Personnel WASTELOAD FOR MONTH OF March 2001

•			Qua	ntity				Other	Units			Measurement	Sample
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Type
Total								0.40	0.40		٠	4/0.4	0
Iron	Report	N/A	0.17	0.17	#/day	0	N/A	0.16	0.16	Mg/l	0	1/Month	Composite
01045	Permit Limitation	N/A	Monitor	Monitor			N/A	Monitor	Monitor			1/Month	Composite
Sulfate	Report	N/A	554	554	#/day	0	N/A	510	510	Mg/l	0	1/Month	Composite
00945	Permit Limitation	N/A	Monitor	Monitor	#/day		N/A	Monitor	Monitor	IVIG/I		1/Month	Composite
Total	Ennitation	11/0	IVIOTALOI	MOUNTO	<u> </u>		1975	MOUNTO	Wioritor	<del>                                     </del>		miona	Облировко
Aluminum	Report	N/A	<0.108	<0.108	#/day	0	N/A	<100	<100	Ug/I	0	1/Month	Composite
01105	Permit Limitation	N/A	Monitor	Monitor	#/uay		N/A	Monitor	Monitor	) Og/i		1/Month	Composite
						_		11/4	N/A		_	1/Year	Composite
Hardness	Report	N/A	N/A	N/A	- 24	0	N/A	N/A	N/A	Mg/I	0	1/Tear	Composite
00900	Permit Limitation	N/A	N/A	N/A			N/A	N/A	Monitor			1/Year	Composite
Acute					1							40/	0
Toxicity	Report	N/A	N/A	N/A		0	N/A	N/A	N/A	Tua	0	1/Year	Composite
Daphnia 61425	Permit Limitation	N/A	N/A	N/A			N/A	N/A	2.5		350	1/Year	Composite
Acute	Limitation	IN/A	19/7	19/0			19/7	14//	2.0	·	*************	11.100	8 Hour
Toxicity	Report	N/A	N/A	N/A		0	N/A	N/A	N/A	Tue	0	1/Year	Composite
Fathead	Permit				F1. 7.					Tua	149		8 Hour
61427	Limitation	N/A	N/A	N/A			N/A	N/A	2.5		37.6	1/Year	Composite
Name of Principal Executive Officer  James G. Bradley  I certify under penalty of law that this docum direction or supervision in accordance with a properly gather and evaluate the information is							Amento unto proces	ad under m:		D	ate Completed		
					with a sy	a system designed to assure that qualified personnel				nel 9-/7-0/			
Title of Officer persons who manage the system, or information, the information submitted is					or those is, to the	persons direct	y responsible for gowledge and belief, to	rue, accurate,	Signat		incipal Executive of the state	Officer or	
]	President and C	and comple including th	te. I am aware e possibility of fir	that there	are signi orisonment	iticant penalties I for knowing vio	for submitting false lations.	information,	1-	)	8 1	-1	

**FACILITY NAME LOCATION OF FACILITY PERMIT NUMBER** 

Wheeling-Pittsburgh Steel Corporation Beech Bottom, Brooke County, WV

**COMMERCIAL LABORATORY NAME COMMERCIAL LABORATORY ADDRESS**  Antech Ltd. One Triangle Lane Export, PA 15632

WASTELOAD FOR MONTH OF

WV0004511 OUTLET NO. 104 March 2001

INDIVIDUAL PERFORMING ANALYSIS

Antech Personnel

			Qua	ntity				Other	Units			Measurement	Sample
Parameter		Mlnimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Туре
Flow	Report	N/A	N/A	N/A	N/A	0	N/A	0.0175	0.03	MGD	0	2/Month	Estimate
50050	Permit Limitation	N/A	N/A	N/A			- N/A	Monitor	0.22			2/Month	Estimate
Solids, Total	Report	N/A	0.95	1.75	#/day	0	N/A	5.5	7	Mg/l	0	2/Month	Composite
Suspended 00530	Permit Limitation	N/A	24.13	49.34	#/day		N/A	Monitor	Monitor	Wigh	-	2/Month	Composite
Oil & Grease	Report	N/A	<0.73	<1.25	#/day	0	N/A	<5	<5	Mg/l	0	2/Month	Grab
00556	Permit Limitation	N/A	14.46	24.13	,,,day		N/A	Monitor	Monitor			2/Month	Grab
COD	Report	N/A	2.4	2.4	#/day	0	N/A	63	63	Mg/l	0	1/Month	Composite
00340	Permit Limitation	N/A	Monitor	Monitor	",,day		N/A	Monitor	Monitor		1110	1/Month	Composite
тос	Report	N/A	0.94	0.94	#/day	0	N/A	25	25	Mg/l	0	1/Month	Composite
00680	Permit Limitation	N/A	Monitor	Monitor			N/A	Monitor	Monitor		. 12 N	1/Month	Composite
pН	Report	N/A	N/A	N/A	N/A	0	8.5	N/A	8.8	s.u.	0	2/Month	Grab
00400	Permit Limitation	N/A	N/A	N/A			6.0	N/A	10.0			2/Month	Grab
Sulfate	Report	N/A	50.04	50.04	#/day	0	N/A	1200	1200	Mg/l	0	1/Month	Composite
00945	Permit Limitation	N/A	Monitor	Monitor	#/day		N/A	Monitor	Monitor			1/Month	Composite
Name of	Name of Principal Executive Officer  I certify under penalty of law that this document and all attachments were prepared under m					ed under my		D	ate Completed				
James G. Bradley  direction or supervision in accordance with a system designed to assure properly gather and evaluate the information submitted. Based on my					to assure that qualif	ied personnel		4-	17-01	<b>,</b>			
	Title of Officer persons who manage the					or those I is, to the	persons direct best of my kno	ly responsible for of owledge and belief, to	gathering the rue, accurate,	Signat		rincipal Executive uthorized Agent	Officer or
President and C.E.O.  and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.					munt								

Wheeling-Pittsburgh Steel Corporation **FACILITY NAME** Antech Ltd. COMMERCIAL LABORATORY NAME **LOCATION OF FACILITY** Beech Bottom, Brooke County, WV **COMMERCIAL LABORATORY ADDRESS** One Triangle Lane **PERMIT NUMBER** WV0004511 OUTLET NO. 104 Export, PA 15632 WASTELOAD FOR MONTH OF March 2001 Antech Personnel **INDIVIDUAL PERFORMING ANALYSIS** 

			Qua	ntity				Other	Units			Measurement	Sample
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Туре
Total													
Iron	Report	N/A	0.014	0.02	N/A	0	N/A	0.129	0.18	Mg/l	0	2/Month	Composite
01045	Permit Limitation	N/A	0.29	0.57	''''		N/A	Monitor	Monitor	l mg/i		2/Month	Composite
Total Zinc	Report	N/A	0.029	0.053		0	N/A	165	210		0	2/Month	Composite
01092	Permit Limitation	N/A	0.27	0.61	#/day		N/A	Monitor	Monitor	Ug/I		2/Month	Composite
Total													
Cyanide	Report	N/A	<0.001	<0.003	#/day	0	N/A	<10	<10	Ug/I	0	2/Month	Composite
00720	Permit Limitation	N/A	0.05	0.13	#/day	ilia Lia	N/A	Monitor	Monitor	Og/i		2/Month	Composite
Total													_
Chromium	Report	N/A	<0.001	<0.003	#/day	0	N/A	<10	<10	Ug/I	0	2/Month	Composite
01032	Permit Limitation	N/A	0.08	0.19			N/A	Monitor	Monitor			2/Month	Composite
Total Copper	Report	N/A	<0.001	<0.003	41.1	0	N/A	<10	<10	11-0	0	2/Month	Composite
01042	Permit Limitation	N/A	0.25	0.46	#/day		N/A	Monitor	Monitor	Ug/I		2/Month	Composite
Hardness	Report	N/A	N/A	N/A		0	N/A	N/A	N/A		0	1/Quarter	Composite
00900	Permit Limitation	N/A	N/A	N/A	N/A		N/A	N/A	Monitor	Mg/l		1/Quarter	Composite
			IN/A	I N/A	I	2 12	IVA	IVIA	IVIOIIIO	1	D	ate Completed	Composito
Name of	Name of Principal Executive Officer  James G. Bradley  i certify under penalty of law that this docume direction or supervision in accordance with a sy property gather and evaluate the information so					stem designed t	to assure that qualific	ed personnel			17-01		
	Title of Officer persons who manage the system, or those information, the information submitted is, to the					r those is, to the	persons directly best of my kno	y responsible for g wiedge and belief, tr	athering the ue, accurate,	Signati		incipal Executive thorized Agent	Officer or
President and C.E.O. and complete. I am aware that there including the possibility of fine and im								information,	B	ul	E. J.	-/	

### STATE OF WEST VIRGINIA STREAM SAMPLING REPORT FORM

Company Name:	wheeli	ng-Pittsburgh Ste	el Corporation		
Location:	Beech	Bottom, WV	Permit Numbe	er: WV0004	511
Type of Activity:		Landfill:	Sp		
Other (Describe):	Storm	Water Runoff	_ Stream Sampli	ng Station No.:	2
Type of Sampling:	Mine R	un (downstream)	at the confluence	with the Ohio Ri	ver
Type of Sampling:	X	Grab:	Composite:	Othe	r (Describe):
Date:	March	2001	Stream Flow:	No Flow	gpd

PARAMETER	CONCENTRATION	UNITS
Oil and Grease	-	Mg/l
Chromium (Total)	-	Mg/l
Cyanide (Total)	-	Mg/l
Iron (Total)	-	Mg/l
Zinc (Total)	-	Mg/l
PH	-	Mg/l

#### STATE OF WEST VIRGINIA STREAM SAMPLING REPORT FORM

Wheeli	ng-Pittsburgh Sto	eel Corporation		
Beech	Bottom, WV	Permit Numbe	r: WV00045	511
<del></del>	Landfill:	Sp	ray Irrigation:	
Storm	Water Runoff	Stream Sampli	ng Station No.:	1
Mine R	un (upstream) ac	djacent to Route 2		
<u> </u>	Grab:	Composite:	Other	r (Describe):
March	2001	Stream Flow:	No Flow	gpd
	Storm V Mine R X	Beech Bottom, WV  Landfill:  Storm Water Runoff  Mine Run (upstream) ac	Landfill:SpStorm Water RunoffStream SamplingMine Run (upstream) adjacent to Route 2XGrab:Composite:	Beech Bottom, WV Permit Number: WV00045  Landfill: Spray Irrigation:  Storm Water Runoff Stream Sampling Station No.:  Mine Run (upstream) adjacent to Route 2  X Grab: Composite: Other

PARAMETER	CONCENTRATION	UNITS
Oil and Grease	<u>-</u>	Mg/l
Chromium (Total)	<u>.</u>	Mg/l
Cyanide (Total)	-	Mg/l
Iron (Total)	- ·	Mg/l
Zinc (Total)	-	Mg/l
PH	-	Mg/l

# WHEELING-PITTSBURGH STEEL CORPORATION BEECH BOTTOM PLANT FIRST QUARTER 2001 SPECIAL SAMPLING DATA

SAMPLE POINT	SAMPLE DATE	PARAMETER	CONCENTRATION (mg/l)
INTAKE WATER WELL	1/18/01 2/15/01	COD TOC TOTAL SUSP. SOLIDS pH (S.U.)  TOT. DISS. SOLIDS TOTAL IRON TOTAL MANGANESE CONDUCTIVITY (UMHO)	65 13 7 7.3 454 0.2 0.03 318
CONTACT COOLING WATER	1/18/01	COD TOC TOTAL SUSP. SOLIDS pH (S.U.)	7.2 <1.0 6 7.4



BUD. E. SMITH DIRECTOR ENVIRONMENTAL CONTROL (304) 234-2662

March 15, 2001

Mr. Allyn Turner, Chief WV Department of Environmental Protection Water Resources Division 1201 Greenbrier Street Charleston, WV 25311-1088

UPS NEXT DAY AIR (Delivery Confirmation)

Re:

Wheeling-Pittsburgh Steel Corporation

**Beech Bottom Plant** 

NPDES Permit #WV0004511 Discharge Monitoring Report

February 2001

Dear Mr. Turner:

Enclosed is the completed discharge monitoring report for the Beech Bottom Plant of Wheeling-Pittsburgh Steel Corporation covering the month of <u>February 2001</u>

There were no exceedances on the DMR's at the Beech Bottom Plant during the month of February 2001.

If you should have any questions, please contact Jim Howell at 304 234-4223.

Sincerely,

Bud E. Smith

Director - Environmental Control

Bul E. Smith

**Enclosures** 

CC:

Joe Hickman (Whg. Office, WVDNR)

USEPA Region III

bcc:

J. M. Howell

P. Barren

ECMF 2.2.8.1



Antech Ltd.

One Triangle Lane
Export, PA 15632
Antech Personnel

FACILITY NAME	Wheeling-Pittsburgh Steel Corporation	COMMERCIAL LABORATORY NAME
LOCATION OF FACILITY	Beech Bottom, Brooke County, WV	COMMERCIAL LABORATORY ADDRESS
PERMIT NUMBER	WV0004511 OUTLET NO. 004	- -
WASTELOAD FOR MONTH OF	February 2001	INDIVIDUAL PERFORMING ANALYSIS

			Qua	ntity				Other	Units	Measurement Sample					
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Type		
Flow	Report	N/A	N/A	N/A	N/A	0	N/A	0.374	0.374	MGD	0	1/Month	Estimate		
50050	Permit Limitation	N/A	N/A	N/A			N/A	Monitor	Monitor			1/Month	Estimate		
Solids, Total	Report	N/A	81	81	#/day	0_	N/A	26	26	Mg/l	0	1/Month	Composite		
Suspended 00530	Permit Limitation	N/A	Monitor	Monitor	#/uay		N/A	Monitor	Monitor	IMg/I		1/Month	Composite		
Oil & Grease	Report	N/A	<15.6	<15.6	#/day	0	N/A	<5.0	<5.0	Mg/l	0	1/Month	Grab		
00556	Permit Limitation	N/A	Monitor	Monitor	Hruay		N/A	Monitor	Monitor	lvig/i		1/Month	Grab		
COD	Report	N/A	375	375	#/day	0	N/A	120	120	Mg/i	0	1/Month	Composite		
00340	Permit Limitation	N/A	Monitor	Monitor	#/day		N/A	Monitor	Monitor	mg/		1/Month	Composite		
TOC	Report	N/A	84.4	84.4 #/day	0	N/A	27	27	Mg/l	0	1/Month	Composite			
00680	Permit Limitation	N/A	Monitor	Monitor	,,,day		N/A	Monitor	Monitor			1/Month	Composite		
pH ·	Report	N/A	N/A	N/A	N/A	0	7.5	N/A	7.8	s.u.	0	1/Week	Grab		
00400	Permit Limitation	N/A	N/A	N/A	I IVA		6.0	N/A	10.0			1/Week	Grab		
Chloride	Report	N/A	468.7	468.7	#/day	0	N/A	150	150	   Mg/l	0	1/Month	Composite		
00940	Permit Limitation	N/A	Monitor	Monitor	#/day	for an	N/A	Monitor	Monitor			1/Month	Composite		
Name of	Principal Exec	utive Officer	1 - 416	des	Abak Abi	la danum	nt and all attac	chments were prepar	rod under my		D	ate Completed			
	James G. Brad	lley	direction or	supervision in a	ccordance	with a sy	stem designed	to assure that qualif d on my inquiry of t	ied personnel	3-13-01					
	Title of Office	er	persons w	ho manage the the the information	system, submitted	or those I is, to the	persons direct best of my kno	ly responsible for g owledge and belief, t	gathering the rue, accurate,	Signat		rincipal Executive uthorized Agent	Officer or		
]	President and C	.E.O.	and comple including th	ete. I am aware ne possibility of fir	that there	that there are significant penalties for submitting false information, he and imprisonment for knowing violations.						A			

**FACILITY NAME** Wheeling-Pittsburgh Steel Corporation COMMERCIAL LABORATORY NAME Antech Ltd. Beech Bottom, Brooke County, WV One Triangle Lane LOCATION OF FACILITY COMMERCIAL LABORATORY ADDRESS **PERMIT NUMBER** Export, PA 15632 WV0004511 OUTLET NO. 004 Antech Personnel WASTELOAD FOR MONTH OF February 2001 INDIVIDUAL PERFORMING ANALYSIS Quantity Other Units Measurement Sample **Parameter** Minimum Avg. Monthly Max. Daily Units N.E. Minimum Avg. Monthly Max. Daily Units N.E. Frequency Type Total Manganese Report N/A 1.84 1.84 0.59 0 N/A 0.59 0 1/Month Composite N/A Mq/l Permit 01055 Limitation N/A Monitor Monitor N/A 2 4 1/Month Composite Total Zinc N/A 0 320 320 Report 1.0 1.0 N/A 1/Month Composite #/day Ug/l Permit 01092 Limitation N/A Monitor Monitor 500 500 1/Month Composite N/A Total Nickel Report N/A N/A N/A 0 N/A N/A N/A 0 1/Quarter Composite Uq/I #/day Permit 01067 Limitation N/A Monitor Monitor N/A Monitor Monitor 1/Quarter Composite Total 1/Quarter Composite N/A N/A N/A N/A N/A N/A Lead Report 0 Ug/I #/day Permit Composite 01051 Limitation N/A Monitor Monitor N/A Monitor Monitor 1/Quarter Total Composite N/A N/A N/A 0 N/A N/A N/A 1/Quarter Chromium Report Ug/i #/day Permit Composite 1/Quarter 01032 Limitation N/A Monitor Monitor N/A Monitor Monitor Total N/A N/A 0 1/Quarter Composite N/A 0 N/A Copper Report N/A N/A Ug/I N/A Permit Composite 1/Quarter

Name of Principal Executive Officer James G. Bradley Title of Officer

President and C.E.O.

Limitation

N/A

Monitor

Monitor

01042

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

N/A

Monitor

Monitor

Date Completed 3-15-01 Signature of Principal Executive Officer or Authorized Agent ul E. S.

Wheeling-Pittsburgh Steel Corporation **FACILITY NAME COMMERCIAL LABORATORY NAME** Antech Ltd. Beech Bottom, Brooke County, WV One Triangle Lane **LOCATION OF FACILITY COMMERCIAL LABORATORY ADDRESS PERMIT NUMBER** WV0004511 OUTLET NO. 004 Export, PA 15632 WASTELOAD FOR MONTH OF February 2001 INDIVIDUAL PERFORMING ANALYSIS Antech Personnel

			Qua	ntity				Other	Units			Measurement Samp				
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Туре			
Total Iron	Report	N/A	2.28	2.28	#/day	0	N/A	0.73	0.73	Mg/i	0	1/Month	Composite			
01045	Permit Limitation	N/A	Monitor	Monitor	day		N/A	Monitor	Monitor	g		1/Month	Composite			
Sulfate	Report	N/A	2531.2	2531.2	#/day	0	N/A	810	810	Mg/I	0	1/Month	Composite			
00945	Permit Limitation	N/A	Monitor	Monitor	#/uay		N/A	Monitor	Monitor	Wigh		1/Month	Composite			
Total Aluminum	Report	N/A	0.91	0.91	#/day	0	N/A	290	290	Ug/I	0	1/Month	Composite			
01105	Permit Limitation	N/A	Monitor	Monitor	#/uay		N/A	Monitor	Monitor	Og/i		1/Month	Composite			
Hardness	Report	N/A	N/A	N/A		0	N/A	N/A	N/A	Mg/l	0	1/Year	Composite			
00900	Permit Limitation	N/A	N/A	N/A			N/A	N/A	Monitor	ling/i		1/Year	Composite			
Acute Toxicity	Report	N/A	N/A	N/A		0	N/A	N/A	N/A	Tua	0	1/Year	Composite			
Daphnia 61425	Permit Limitation	N/A	N/A	N/A			N/A	N/A	2.5	, 44		1/Year	Composite			
Acute Toxicity	Report	N/A	N/A	N/A		0	N/A	N/A	N/A	Tua	0	1/Year	8 Hour Composite			
Fathead 61427	Permit Limitation	N/A	N/A	N/A			N/A	N/A	2.5	Tua		1/Year	8 Hour Composite			
	Principal Exec	utive Officer						•			D	ate Completed				
	James G. Brad	lley	direction or supervision in accordance with a sy					cument and all attachments were prepared under m n a system designed to assure that qualified personn- ion submitted. Based on my inquiry of the person of				7 - 1 C - 0 /				
Title of Officer persons who manage the system, or those information, the information submitted is, to the				or those I is, to the	those persons directly responsible for gathering is, to the best of my knowledge and belief, true, accura				the Signature of Principal Executive Officer or rate, Authorized Agent							
1	President and C	.E.O.	and comple including th	ete. I am aware ne possibility of fir	that there	are sign prisonmen	ificant penalties t for knowing vio	for submitting false lations.	information,	Ben	16	mi	15			

FACILITY NAME	Wheeling-Pittsburgh Steel Corporation	COMMERCIAL LABORATORY NAME	Antech Ltd.
LOCATION OF FACILITY	Beech Bottom, Brooke County, WV	COMMERCIAL LABORATORY ADDRESS	One Triangle Lane
PERMIT NUMBER	WV0004511 OUTLET NO. 104		Export, PA 15632
WASTELOAD FOR MONTH OF	February 2001	INDIVIDUAL PERFORMING ANALYSIS	Antech Personnel

			Qua	ntity									Sample
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Type
Flow	Report Permit	N/A	N/A	N/A	N/A	0	N/A	0.016	0.018	MGD	0	2/Month	Estimate
50050	Limitation	N/A	N/A	N/A			N/A	Monitor	0.22			2/Month	Estimate
Solids, Total	Report	N/A	0.52	1.03	#/day	0	N/A	4.5	9	Mg/l	0	2/Month	Composite
Suspended 00530	Permit Limitation	N/A	24.13	49.34	#/day		N/A	Monitor	Monitor	Wigh		2/Month	Composite
Oil & Grease	Report	N/A	<0.67	<0.75	#/day	0	N/A	<5	<5	Mg/I	0	2/Month	Grab
00556	Permit Limitation	N/A	14.46	24.13	,		N/A	Monitor	Monitor	Ĵ		2/Month	Grab
COD	Report	N/A	34.3	34.3	#/day	0	N/A	300	300	Mg/l	0	1/Month	Composite
00340	Permit Limitation	N/A	Monitor	Monitor	#/day		N/A	Monitor	Monitor	ivign		1/Month	Composite
тос	Report	N/A	9.158	9.158	#/day	0	N/A	80	80	Mg/l	0	1/Month	Composite
00680	Permit Limitation	N/A	Monitor	Monitor	"rduy		N/A	Monitor	Monitor			1/Month	Composite
рН	Report	N/A	N/A	N/A	N/A	0	7.65	N/A	8.0	s.u.	0	2/Month	Grab
00400	Permit Limitation	N/A	N/A	N/A			6.0	N/A	10.0		7.7	2/Month	Grab
Sulfate	Report	N/A	233.52	233.52	#/day	0	N/A	2,000	2,000	Mg/l	0	1/Month	Composite
00945	Permit Limitation	N/A	Monitor	Monitor	#/day	No. of the last	N/A	Monitor	Monitor	ivig/i		1/Month	Composite
	Principal Exec	·				Lagranae					D	ate Completed	
	James G. Brad	ley	direction or	supervision in a	cordance	with a sy	stem designed	hments were prepare to assure that qualific I on my inquiry of the	ed personnel		3	-15-	0/
	Title of Offic	er	persons wi	o manage the the the the	system, o submitted	r those · is, to the	persons directly best of my kno	y responsible for g wiedge and belief, tr	rue, accurate,	Signat		incipal Executive thorized Agent	Officer or
I	President and C.	E.O.		te. I am aware e possibility of fin				for submitting false lations.	intormation,	Zu	16	· Smi	A,

Wheeling-Pittsburgh Steel Corporation **FACILITY NAME** Antech Ltd. **COMMERCIAL LABORATORY NAME** Beech Bottom, Brooke County, WV One Triangle Lane **LOCATION OF FACILITY COMMERCIAL LABORATORY ADDRESS PERMIT NUMBER** WV0004511 OUTLET NO. 104 Export, PA 15632 February 2001 Antech Personnel WASTELOAD FOR MONTH OF **INDIVIDUAL PERFORMING ANALYSIS** 

	T	Τ	Oua	ntity				Other	Units			Measurement	Sample	
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Туре	
Total														
Iron	Report	N/A	0.046	0.055	١	0	N/A	0.34	0.36	14-0	0	2/Month	Composite	
01045	Permit Limitation	N/A	0.29	0.57	N/A		N/A	Monitor	Monitor	Mg/l		2/Month	Composite	
Total Zinc	Report	N/A	0.022	0.023	#/day	0	N/A	165	180	- Ug/I	0	2/Month	Composite	
01092	Permit Limitation	N/A	0.27	0.61	#/Uay		N/A	Monitor	Monitor	Ogn		2/Month	Composite	
Total Cyanide	Report	N/A	<1.33	<1.5	#/day	0	N/A	<10	<10	Ug/l	0	2/Month	Composite	
00720	Permit Limitation	N/A	0.05	0.13	#/uay		N/A	Monitor	Monitor	- Ogri		2/Month	Composite	
Total Chromium	Report	N/A	<1.33	1.33 <1.5 #/day	0	N/A	<10	<10	Ug/I	0	2/Month	Composite		
01032	Permit Limitation	N/A	0.08	0.19	#/day		N/A	Monitor	Monitor			2/Month	Composite	
Total Copper	Report	N/A	<1.33	<1.5	#/day	0	N/A	<10	<10	Ug/l	0	2/Month	Composite	
01042	Permit Limitation	N/A	0.25	0.46	mady		N/A	Monitor				2/Month	Composite	
Hardness	Report	N/A	N/A	N/A	N/A	0	N/A	N/A	800	Mg/l	0	1/Quarter	Composite	
00900	Permit Limitation	N/A	N/A	N/A	10/2		N/A	N/A	Monitor			1/Quarter	Composite	
Name of	Principal Exec	cutive Officer			4b-4 4b				and under my		D	ate Completed		
	James G. Bradley direction or supervision in accordance with properly gather and evaluate the information					with a sy	ocument and all attachments were prepared under m in a system designed to assure that qualified personn ion submitted. Based on my inquiry of the person o				$\frac{3-15-0}{2}$			
Title of Officer persons who manage the system, or thos information, the information submitted is, to and complete. I am aware that there are si					or those I is, to the	persons direct	ly responsible for gowledge and belief, to	gathering the rue, accurate,	Signat	ure of Pi At	rincipal Executive uthorized Agent	Officer or		
,	President and C	E.O.	and comple including th	ete. I am aware ne possibility of fil	that there ne and lm	e are sign orisonmen	mcant penaities t for knowing vic	for submitting false plations.	e information,	R	16	0 ] .	-1	

BUD. E. SMITH DIRECTOR ENVIRONMENTAL CONTROL (304) 234-2662



February 12, 2001

Mr. Allyn Turner, Chief WV Department of Environmental Protection Water Resources Division 1201 Greenbrier Street Charleston, WV 25311-1088

UPS NEXT DAY AIR (Delivery Confirmation)

Re:

Wheeling-Pittsburgh Steel Corporation

**Beech Bottom Plant** 

NPDES Permit #WV0004511 Discharge Monitoring Report

January 2001

Dear Mr. Turner:

Enclosed is the completed discharge monitoring report for the Beech Bottom Plant of Wheeling-Pittsburgh Steel Corporation covering the month of <u>January 2001</u>

There were no exceedances on the DMR's at the Beech Bottom Plant during the month of January 2001.

If you should have any questions, please contact Jim Howell at 304 234-4223.

Sincerely,

Bud E. Smith

Director - Environmental Control

Bul E. Smit.

**Enclosures** 

cc: Joe Hickman (Whg. Office, WVDNR)

**USEPA** Region III

bcc: J. M. Howell

G. A. Myers

ECMF 2.2.8.1



#### STATE OF WEST VIRGINIA

### NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM DISCHARGE MONITORING REPORT

FACILITY NAME	Wheeling Pittsburgh Stee	_	COMMERCIAL	_		Antech	Ltd.				
LOCATION OF FACILITY	Beech Bottom, Brooke Cou	nty, WV	_	COMMERCIAL	LABORATORY ADDRE	ss		One Ti	riangle Lan	е	
PERMIT NUMBER	WV0004511	OUTLET NO. 004	_				Export, PA 15632				
WASTELOAD FOR MONTH OF	January	_	INDIVIDUAL PERFORMING ANALYSIS				Antech Personnel				
						-					
	Quantity				Other U	Jnits			Measuremen	Sample	
Parameter	Minimum Avg. Monthly	Max. Daily Units	N.E.	Minimum	Avg. Monthly M	ax. Daily	Units	N.E.	Frequency	Type	
			1								

	r											,	
			Quantity					Other	Units			Measuremen	Sample
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Туре
Flow	Report Permit	N/A	N/A	N/A	N/A	0	N/A	0.130	0.130	MGD	0	1/month	Estimate
50050	Limitation	N/A	N/A	N/A			N/A	Monitor	Monitor			1/month	Estimate
Solids, Total	Report	N/A	<4.34	<4.34	#/day	0	N/A	<4	<4	mg/l	0	1/month	Composite
Suspended 00530	Permit Limitation	N/A	Monitor	Monitor			N/A	Monitor	Monitor			1/month	Composite
Oil & Grease	Report	N/A	<5.42	<5.42	#/day	0	N/A	<5	<5	mg/l	0	1/month	Grab
00556	Permit Limitation	N/A	Monitor	Monitor			N/A	Monitor	Monitor			1/month	Grab
COD	Report	N/A	18.5	18.5	#/day	0	N/A	17	17	mg/l	0	1/month	Composite
00340	Permit Limitation	N/A	Monitor	Monitor			N/A	Monitor	Monitor			1/month	Composite
TOC	Report	N/A	2.8	2.8	#/day	0	N/A	2.6	2.6	mg/l	0	1/month	Composite
00680	Permit Limitation	N/A	Monitor	Monitor			N/A	Monitor	Monitor			1/month	Composite
рН	Report	N/A	N/A	N/A	N/A	0	7.4	N/A	8.1	s.u.	0	1/week	Grab
00400	Permit Limitation	N/A	N/A	N/A			6.0	N/A	10.0			1/week	Grab
Chloride	Report	N/A	46.7	46.7	#/day	0	N/A	43	43	mg/l	0	1/month	Composite
00940	Permit Limitation	N/A	Monitor	Monitor	<u> </u>		N/A	Monitor	Monitor			1/month	Composite
Name of Pri	ncipal Exec.	Officer	i certify under p	-						D.	ate Com	oleted	
Jame	es G. Bradley	<b>Y</b>	1 -	-	•		n in accordance with a system of properly gather and evaluate FEB 1 2 2001						
Tit	le of Office		the information who manage t	the system, o	r those	persons	directly	responsible for	Signature of Principal Executive Officer or				fficer or
Presid	dent and C.E.	.0.	gathering the in knowledge and are significant possibility of fin	belief, true, acc penalties for s	curate ar submittir	d compl g false	ete. I am a information	ware that there				· In	int

FACILITY NAME		Wheeling Pittsburgh Steel Corporation COMMERCIAL LABORATORY NAME Antech Ltd.							n Ltd.				
LOCATION OF FACI	LITY		om, Brooke Coun			•		LABORATORY AD				riangle Lan	е
PERMIT NUMBER		wv0004511		OUTLET NO.	004	•		ENDORATOR TAD	DREGG			, PA 1563	
WASTELOAD FOR MC	NTH OF		January	2001		•	INDIVIDUAL	PERFORMING AN	AI YSIS			Personnel	
						•	INDIVIDORE	TERTORITING AN	ALIOIO		Aireon	T CT SOTHICE	
			Quantity		.,			Other	Units			Measuremen	Sample
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Туре
Total	Report	N/A	1.41	1.41	N/A	0	N/A	1.3	1.3	mg/l	0	1/month	Composite
Manganese 1055	Permit Limitation	N/A	Monitor	Monitor			N/A	2	4			1/month	composite
Total	Report	N/A	0.08	0.08	#/day	0	N/A	77	77	ug/l	0	1/month	Composite
Zinc 01092	Permit Limitation	N/A	Monitor	Monitor			N/A	500	500			1/month	Composite
Total Nickel	Report	N/A	<43.37	<43.37	#/day	0	N/A	<40	<40	ug/l	0	1/Quarter	Composite
01067	Permit Limitation	N/A	Monitor	Monitor	1		N/A	Monitor	Monitor			1/Quarter	Composite
Total Lead	Report	N/A	<1.08	<1.08	#/day	0	N/A	<1	<1	ug/l	0	1/Quarter	Composite
01051	Permit Limitation	N/A	Monitor	Monitor	]		N/A	Monitor	Monitor			1/Quarter	Composite
Total Chromium	Report	N/A	<10.84	<10.84	#/day	0	N/A	<10	<10	ug/l	0	1/Quarter	Composite
01032	Permit Limitation	N/A	Monitor	Monitor			N/A	Monitor	Monitor			1/Quarter	Composite
Total	Report	N/A	20.6	20.6	N/A	0	N/A	19	19	ug/l	0	1/Quarter	Composite
Copper 01042	Permit Limitation	N/A	Monitor	Monitor	]		N/A	Monitor	Monitor			1/Quarter	Composite
Name of Prin	cipal Exec.	Officer	I certify under p	enalty of law th	nat this d	ocumen	t and all atta	chments were		D	ate Com	pleted	
	G. Bradley		prepared under designed to ass	•	•			-	1				
Title	e of Officer		personswho ma	nage the system	em, or those persons directly responsible for  Authorized Agent			Officer or					
Preside	ent and C.E.	0.	knowledge and are significant p	belief, true, acc enalties for su	Bull E. Smith				nuts				

FACILITY NAME		Wheeling P	ittsburgh Steel	Corporation		,	COMMERCIAL	LABORATORY NA	ME	•••	Antech		
LOCATION OF F	ACILITY	Beech Bott	om, Brooke Cour	ity, WV		•	COMMERCIAL	LABORATORY AD	DRESS		One T	riangle Lan	<u>e</u>
PERMIT NUMBER	•	WV0004511		OUTLET NO.	004						Export	, PA 1563	2
WASTELOAD FOR	MONTH OF		January	2001			INDIVIDUAL	PERFORMING AN	ALYSIS		Antech	Personnel	
							<b>T</b>	· · · · · · · · · · · · · · · · · · ·					
Parameter	T	Minimum	Quantity Avg. Monthly	May Daily	Units	N.E.	14:-:	Other	Units	1 11.24	T =	Measuremen	Sample
rarameter		MINIBUM	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Туре
Total	Report	N/A	0.09	0.09	#/day	0	N/A	0.083	0.083	mg/l	0	1/month	Composite
Iron	Permit				]					1			
1045	Limitation	N/A	Monitor	Monitor	<u> </u>		N/A	Monitor	Monitor			1/month	composite
Sulfate	Report	N/A	358.4	358.4	#/day	0	N/A	330	330	mg/l	0	1/month	Composite
	Permit				1					1			_
00945	Limitation	N/A	Monitor	Monitor			N/A	Monitor	Monitor	ļ		1/month	Composite
Total	Report	N/A	<108.42	<108,42	#/day	١٥	N/A	<100	<100	ug/l	۱ ،	1/month	Composite
Aluminum	Permit				1					1		-	•
01105	Limitation	N/A	Monitor	Monitor			N/A	Monitor	Monitor			1/month	Composite
Hardness	Report	N/A	N/A	N/A		0	630	N/A	630	mg/l	0	1/year	Composite
00900	Permit				1					1		4	
Acute	Limitation	N/A	N/A	N/A			N/A	N/A	Monitor			1/year	Composite
Toxicity	Report	N/A	N/A	N/A		0	N/A	N/A	N/A	Tua	0	1/year	Composite
Daphnia	Permit				1					1		4.	
61425 Acute	Limitation	N/A	N/A	N/A	ļ		N/A	N/A	2.5	<del> </del>		1/year	Composite
Toxicity	Report	N/A	N/A	N/A		0	N/A	N/A	N/A	Tua	0	1/year	8 hr. comp
Fathead	Permit	N/A	N/A	N/A			N/A	N/A	2.5			1/year	8 hr. comp
61427	Limitation	N/A	N/A	L	-4 41-1-		4		6.7			<u> </u>	0 m. comp
Name of Pr	incipal Exec.	. Officer	propared under p	-				D:	ate Com	oleted			
Jan	es G. Bradle	У	designed to ass	_	-			=					
			the information	submitted. Bas	ed on m	y inquiry	of the pers	on or	Signatu	re of Dr	incinal	Executive (	Officer or
Tit	Title of Officer personswho manage the system, or thos				_	Signature of Principal Executive Officer Authorized Agent							
Presi	President and C.E.O. gathering the information, the information												
		· · · •	knowledge and	• •		•			1.	Κ.	10	• •	• /
1			are significant possibility of fin		_		-	cidaing the	Bul E. Smit				
			hossibility of the	ia aug imbiizou	III-III IOF	PHOMIN	, viviations.		<u> </u>				

FACILITY NAME		Wheeling P	ittsburgh Steel	Corporation			COMMERCIAL	LABORATORY NA	ME		Antech	n Ltd.	
LOCATION OF FA	CILITY	Beech Bott	om, Brooke Cour	nty, WV		_	COMMERCIAL	LABORATORY AD	DRESS		One T	riangle Lan	е
PERMIT NUMBER		wv0004511		OUTLET NO.	104						Export	, PA 1563	2
WASTELOAD FOR	MONTH OF		January	2001			INDIVIDUAL	PERFORMING AN	ALYSIS		Antech	Personnel	
			Quantity				<del></del>	Other	Units			Measuremen	Sample
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Type
Flow	Report	N/A	N/A	N/A	N/A	0	N/A	0.024	0.028	MGD	0	2/month	Estimate
50050	Permit Limitation	N/A	N/A	N/A			N/A	Monitor	0.22			2/month	Estimate
Solids, Total	Report	N/A	0.325	0.65	#/day	0	N/A	2	4	mg/l	0	2/month	Composite
Suspended 00530	Permit Limitation	N/A	24.13	49.34			N/A	Monitor	Monitor			2/month	Composite
Oil & Grease	Report	N/A	<1.001	<1.17	#/day	0	N/A	<5	<5	mg/l	0	2/month	Grab
00556	Permit Limitation	N/A	14.46	24.13			N/A	Monitor	Monitor			2/month	Grab
COD	Report	N/A	24.2	24.2	#/day	0	N/A	150	150	mg/l	0	1-month	Composite
00340	Permit Limitation	N/A	Monitor	Monitor			N/A	Monitor	Monitor			1/month	Composite
TOC	Report	N/A	4.838	4.838	#/day	0	N/A	30	30	mg/l	0	1/month	Composite
00680	Permit Limitation	N/A	Monitor	Monitor			N/A	Monitor	Monitor			1/month	Composite
рН	Report	N/A	N/A	N/A	N/A	0	8.9	N/A	9.1	s.u.	0	2/month	Grab
00400	Permit Limitation	N/A	N/A	N/A			6.0	N/A	10.0			2/month	Grab
Sulfate	Report	N/A	139.44	139.44	#/day	0	N/A	880	880	mg/l	0	1/month	Composite
00945	Permit Limitation	N/A	Monitor	Monitor			N/A	Monitor	Monitor			1/month	Composite
Name of Pri	ncipal Exec.	Officer		enalty of law the						D	ate Comp	oleted	
Jame	es G. Bradle	у	designed to ass	•	d person	nei prop	orly gather :	and evaluate		FER 1	2 2001		
Titl	e of Office	г	personswho ma	-	, or thos	e perso	ns directly r	sponsible for	Signatur	e of Pri	ncipal thorized	Executive On Agent	fficer or
Presid	dent and C.E	.0.	knowledge and	belief, true, acc	urate and	action submitted is, to the best of my and complete. I am aware that there ng false information, including the				1			

possibility of fine and imprisonment for knowing violations.

FACILITY NAME		Wheeling P	ittsburgh Steel			COMMERCIAL	LABORATORY NA	ME	Antech Ltd.				
LOCATION OF F	ACILITY	Beech Bott	om, Brooke Coun	ity, WV			COMMERCIAL	LABORATORY AD	DRESS		One T	riangle Lan	е
PERMIT NUMBER		wv0004511		OUTLET NO.	104						Export	, PA 15632	2
WASTELOAD FOR	MONTH OF		January	2001			INDIVIDUAL	PERFORMING AN	ALYSIS		Antech	Personnel	1***.
						•							
	т		Quantity					Other	Units			Measuremen	Sample
Parameter	<u> </u>	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Туре
Total	Report	N/A	0.0175	0.022	N/A	0	N/A	0.085	0.092	mg/l	0	2/month	Composite
1 ron 01045	Permit Limitation	N/A	0.29	0.57			N/A	Montitor	Monitor			2/month	composite
Total	Report	N/A	0.0465	0.059	#/day	0	N/A	230	250	ug/l	0	2/month	Composite
Zinc 01092	Permit Limitation	N/A	0.27	0.61			N/A	Montitor	Monitor	ļ		2/month	Composite
Total	Report	N/A	<2	<2.34	#/day	0	N/A	<10	<10	ug/l	0	2/month	Composite
Cyanide 00720	Permit Limitation	N/A	0.05	0.13			N/A	Monitor	Monitor			2/month	Composite
Total Chromium	Report	N/A	<2	<2.34	#/day	0	N/A	<10	<10	ug/l	0	2/month	Composite
01032	Permit Limitation	N/A	0.08	0.19			N/A	Monitor	Monitor			2/month	Composite
Total Copper	Report	N/A	<2	<2.34	#/day	0	N/A	<10	<10	ug/l	0	2/month	Composite
01042	Permit Limitation	N/A	0.25	0.46			N/A	Monitor	Monitor			2/month	Composite
Hardness	Report	N/A	N/A	N/A	N/A	0	N/A	N/A	N/A	mg/t	0	1/quarter	Composite
00900	Permit Limitation	N/A	N/A	N/A			N/A	N/A	Monitor			1/quarter	Composite
Name of Pri	incipal Exec	. Officer	l certify under p	enaity of law th	at this d	ocumen	t and all atta	chments were		D	ate Com	oleted not	
Jam	es G. Bradle	ey	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate										
			the information	•	•		• •						
Tit	le of Office	r	personswho ma	nage the syster	n, or tho	se perso	ns directly r	esponsible for	Signatu		•	Executive C ed Agent	Officer or
President and C.E.O. gathering the information, the information knowledge and belief, true, accurate and						-	_	1	_			_	
			are significant p	enalties for sul	bmitting	false inf	ormation, in		1	Jeul	<i>Έ.</i>	Sm	with the
	possibility of fine and imprisonment for knowing violations.											·	<del></del>

BUD. E. SMITH DIRECTOR ENVIRONMENTAL CONTROL (304) 234-2662



January 15, 2003

Director
WV Department of Environmental Protection
Office of Water Resources
1201 Greenbrier Street
Charleston, WV 25311-1088

UPS NEXT DAY AIR (Delivery Confirmation)

Attention: Engineering Branch

Re: WHEELING-PITTSBURGH STEEL CORP.
BEECH BOTTOM PLANT
NPDES PERMIT #WV0004511
DISCHARGE MONITORING REPORT
DECEMBER 2002

#### Gentlemen:

Enclosed is the completed discharge monitoring report for the Beech Bottom Plant of Wheeling-Pittsburgh Steel Corporation covering the month of <u>December 2002</u>

There were no exceedances at the Beech Bottom Plant during the month of December 2002.

If you should have any questions, please contact Tom Waligura at 304 234-2682.

Sincerely,

Bud E. Smith

Director - Environmental Control

Bul E. Smith

#### **Enclosures**

cc: Mike Runner, (Whg. Office, WVDEP)

USEPA Region III, NPDES Branch (3WP50)

cc: Field Supervisor & Field Inspector

WV Department of Environmental Protection

Environmental Enforcement 2031 Pleasant Valley Rd.

Suite #1

Fairmont, WV 26554

bcc: P. Barren

L.A. McGee/BB MFile 2.2.1

BES/ECMF 2.2.8.1

FACILITY NAME
LOCATION OF FACILITY
PERMIT NUMBER
WASTELOAD FOR MONTH OF

Wheeling-Pittsl	ourgh Steel Corpo	ration
Beech Bottom, B	rooke County, WV	
WV0004511	OUTLET NO.	004

December 2002

COMMERCIAL LABORATORY NAME
COMMERCIAL LABORATORY ADDRESS

Pace Analytical Services, Inc.
One Triangle Lane

Export, PA 15632

INDIVIDUAL PERFORMING ANALYSIS Pace Personnel

			Qua	ntity				Other	Units			Measurement	Sample
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Туре
Flow	Reported	N/A	N/A	N/A	N/A	0	N/A	0.12	0.12	MGD	0	1/Month	Estimate
50050	Permit Limitation	N/A	N/A	N/A			N/A	Monitor	Monitor			1/Month	Estimate
Solids, Total	Reported	N/A	5	5	#/day	0	N/A	5	5	mg/l	0	1/Month	Composite
Suspended 00530	Permit Limitation	N/A	Monitor	Monitor	"'day		N/A	Monitor	Monitor	, ing.,		1/Month	Composite
Oil & Grease	Reported	N/A	<5	<5	#/day	0	N/A	<5	<5	mg/l	0	1/Month	Grab
00556	Permit Limitation	N/A	Monitor	Monitor	,		N/A	Monitor	Monitor		:	1/Month	Grab
COD	Reported	N/A	19.1	19.1	#/day	0	N/A	19	19	mg/l	0	1/Month	Composite
00340	Permit Limitation	N/A	Monitor	Monitor	muay		N/A	Monitor	Monitor	liig/i		1/Month	Composite
TOC	Reported	N/A	5.1	5.1	#/day	0	N/A	5.1	5.1	mg/l	0	1/Month	Composite
00680	Permit Limitation	N/A	Monitor	Monitor	,,, adj		N/A	Monitor	Monitor			1/Month	Composite
рН	Reported	N/A	N/A	N/A	N/A	0	7.4	N/A	8.0	s.u.	0	1/Week	Grab
00400	Permit Limitation	N/A	N/A	N/A	1,47		6.0	N/A	10.0	0.4.		1/Week	Grab
Chloride	Reported	N/A	43.1	43.1	#/day	0	N/A	43	43	mg/l	0	1/Month	Composite
00940	Permit Limitation	N/A	Monitor	Monitor	maay		N/A	Monitor	Monitor	ling/		1/Month	Composite
Name of	Principal Exec	utive Officer	l andife our	lar namelti of la	45-4 45		est and all attac	chments were prepar	od under my		D	ate Completed	
	James G. Brad	ley	direction or	supervision in a	ccordance	with a sy	stem designed	to assure that qualifi	ied personnel		JAN 15	2003	
Title of Officer persons who manage the system, or to information, the information submitted is,				or those is, to the	submitted. Based on my inquiry of the person or se persons directly responsible for gathering the the best of my knowledge and belief, true, accurate,				Signature of Principal Executive Officer or Authorized Agent				
]	President and C	.E.O.		te. I am aware e possibility of fir				for submitting false plations.	intormation,	Bu	16	· Smi	1

**FACILITY NAME** Wheeling-Pittsburgh Steel Corporation COMMERCIAL LABORATORY NAME Pace Analytical Services, Inc. Beech Bottom, Brooke County, WV **COMMERCIAL LABORATORY ADDRESS** One Triangle Lane **LOCATION OF FACILITY** WV0004511 OUTLET NO. 004 Export, PA 15632 PERMIT NUMBER Pace Personnel WASTELOAD FOR MONTH OF December 2002 INDIVIDUAL PERFORMING ANALYSIS

			Qua	ntity				Other	Units			Measurement	Sample
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Туре
Total Manganese	Reported	N/A	1	1	#/day	0	N/A	1	1	mg/l	0	1/Month	Composite
01055	Permit Limitation	N/A	Monitor	Monitor	iii day		N/A	2	4			1/Month	Composite
Total Zinc	Reported	N/A	0.15	0.15	#/day	0	N/A	150	150	μg/l	0	1/Month	Composite
01092	Permit Limitation	N/A	Monitor	Monitor	#/day		N/A	500	1000	дул		1/Month	Composite
Total Nickel	Reported	N/A	N/A	N/A	#/day	0	N/A	N/A	N/A		0	N/A	N/A
01067	Permit Limitation	N/A	Monitor	Monitor	#/uay		N/A	Monitor	Monitor	⊢ μg/l		1/Quarter	Composite
Total Lead	Reported	N/A	N/A	N/A	#/day	0	N/A	N/A	N/A	μg/l	0	N/A	N/A
01051	Permit Limitation	N/A	Monitor	Monitor	,,,,,,		N/A	Monitor	Monitor	pg//		1/Quarter	Composite
Total Chromium	Reported	N/A	N/A	N/A	#/day	0	N/A	N/A	N/A	μg/l	0	N/A	N/A
01032	Permit Limitation	N/A	Monitor	Monitor	#/day		N/A	Monitor	Monitor	дул.		1/Quarter	Composite
Total Copper	Reported	N/A	N/A	N/A	#/day	0	N/A	N/A	N/A		0	N/A	N/A
01042	Permit Limitation	N/A	Monitor	Monitor	#/uay		N/A	Monitor	Monitor	- µg/l		1/Quarter	Composite
Name of	Principal Exec	utive Officer									D	ate Completed	
	James G. Brad		direction or	supervision in a	ccordance	with a sy	stem designed	thments were prepar to assure that qualifi d on my inquiry of t	ied personnel		JAN	1 5 2003	
	Title of Offic	er	persons white information	no manage the , the information	system, o	or those is, to the	persons directly best of my known	y responsible for gowledge and belief, to	gathering the rue, accurate,	Signat		rincipal Executive uthorized Agent	Officer or
					vare that there are significant penalties for submitting false information, of fine and imprisonment for knowing violations.							-1	

FACILITY NAM	ΛE	Whe	eeling-Pittsburgh	Steel Corpor	ation		C	OMMERCIAL LAB	ABORATORY NAME			Pace Analytical Services, Inc.		
LOCATION OF	FACILITY	Beed	ch Bottom, Brooke	County, WV			C	OMMERCIAL LAB	ORATORY AD	DRESS		One Triangle Lan	е	
PERMIT NUMI	BER	WVC	0004511 C	UTLET NO.	004							Export, PA 15632	2	
WASTELOAD	FOR MONTH C	)F Dece	ember 2002				IN	DIVIDUAL PERFO	RMING ANAL	YSIS		Pace Personnel		
			Qua	intity				Other	Units			Measurement	Sample	
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Type	
Total														
Iron	Reported	. N/A	0.13	0.13	#/day	0	N/A	0.13	0.13	mg/l	0	1/Month	Composite	
01045	Permit Limitation	N/A	Monitor	Monitor	,		N/A	Monitor	Monitor			1/Month	Composite	
Sulfate	Reported	N/A	25.1	25.1	414-	0	N/A	25	25		0	1/Month	Composite	
00945	Permit Limitation	N/A	Monitor	Monitor	#/day		N/A	Monitor	Monitor	mg/l		1/Month	Composite	
Total					1									
Aluminum	Reported	N/A	<0.1	<0.1	#/day	0	N/A	<100	<100	μg/l	0	1/Month	Composite	
01105	Permit Limitation	N/A	Monitor	Monitor	"rouy		N/A	Monitor	Monitor	Ag.		1/Month	Composite	
Hardness	Reported	N/A	N/A	N/A		0	N/A	N/A	N/A	ma/l	0	N/A	N/A	
00900	Permit Limitation	N/A	N/A	N/A			N/A	N/A	Monitor	mg/l		1/Year	Composite	
Acute												•		
Toxicity	Reported	N/A	N/A	N/A		0	N/A	N/A	N/A	TUa	0	N/A	N/A	
Daphnia 61425	Permit Limitation	N/A	N/A	N/A			N/A	N/A	2.5			1/Year	Composite	
Acute Toxicity	Reported	N/A	N/A	N/A		0	N/A	N/A	N/A	TUa	0	N/A	N/A	
Fathead 61427	Permit Limitation	N/A	N/A	N/A			N/A	N/A	2.5	104		1/Year	8 Hour Composite	
	Principal Exec										Г	ate Completed		
	James G. Brad		direction or properly ga	supervision in a ther and evaluate	ccordance e the info	with a sy	rstem designed ubmitted. Base	chments were prepar to assure that qualifi d on my inquiry of t	ied personnel he person or	****		1 5 2003		
	Title of Offic	er						ly responsible for gowledge and belief, t		Signat		rincipal Executive	Officer or	

and complete. I am aware that there are significant penalties for submitting false information,

including the possibility of fine and imprisonment for knowing violations.

President and C.E.O.

Authorized Agena

FACILITY NAME
LOCATION OF FACILITY
PERMIT NUMBER
WASTEL OAD FOR MONTH

Wheeling-Pittsburgh Steel Corporation
Beech Bottom, Brooke County, WV
H .

**COMMERCIAL LABORATORY NAME COMMERCIAL LABORATORY ADDRESS**  Pace Analytical Services, Inc. One Triangle Lane Export, PA 15632

WASTELOAD FOR MONTH OF

WV0004511 OUTLET NO. 104 December 2002

INDIVIDUAL PERFORMING ANALYSIS

Pace Personnel

			Qua	Quantity				Other Units					Sample	
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Туре	
Flow	Reported	N/A	N/A	N/A	N/A	0	N/A	0.029	0.029	MGD	0	2/Month	Estimate	
50050	Permit Limitation	N/A	N/A	N/A	1,17,1		N/A	Monitor	0.22			2/Month	Estimate	
Solids, Total	Reported	N/A	<0.97	<0.97	#/day	0	N/A	<4	<4	mg/l	0	2/Month	Composite	
Suspended 00530	Permit Limitation	N/A	44.24	90.5	iii day		N/A	Monitor	Monitor	""g"		2/Month	Composite	
Oil & Grease	Reported	N/A	<1.2	<1.2	#/day	0	N/A	<5	<5	mg/l	0	2/Month	Grab	
00556	Permit Limitation	N/A	26.52	44.24	ii/ddy		N/A	Monitor	Monitor			2/Month	Grab	
COD	Reported	N/A	11.4	11.4	#/day	0	N/A_	47	47	mg/l	0	1/Month	Composite	
00340	Permit Limitation	N/A	Monitor	Monitor	,,,,,,		N/A	Monitor	Monitor			1/Month	Composite	
TOC	Reported	N/A	3.392	3.392	#/day	0	N/A	14	14	mg/l	0	1/Month	Composite	
00680	Permit Limitation	N/A	Monitor	Monitor			N/A	Monitor	Monitor			1/Month	Composite	
рН	Reported	N/A	N/A	N/A	N/A	0	8.2	N/A	8.4	s.u.	0	2/Month	Grab	
00400	Permit Limitation	N/A	N/A	N/A			6.0	N/A	10.0			2/Month	Grab	
Sulfate	Reported	N/A	290	290	#/day	0	N/A	1200	1200	ma/l	0	1/Month	Composite	
00945	Permit Limitation	N/A	Monitor	Monitor	,,,day		N/A	Monitor	Monitor		<u> </u>	1/Month	Composite	
Name of	Principal Exec	cutive Officer	L cortifu un	dar nanalty of las	that thi	a docume	nt and all attac	hments were prepar	ed under my		<u>_</u>	ate Completed		
	James G. Brac	iley	direction or	supervision in a	ccordance	with a sy	stem designed	to assure that qualif d on my inquiry of t	ied personnel		JAN	1 5 2003		
Title of Officer persons who me information, the				ho manage the , the information	o manage the system, or those persons directly responsible for gathering the the information submitted is, to the best of my knowledge and belief, true, accurate,						Signature of Principal Executive Officer or Authorized Agen			
]	President and C	LE.O.		ete. I am aware ne possibility of fir				for submitting false plations.	information,	13	rul	E. In	nuts	

FACILITY NAME
LOCATION OF FACILITY
PERMIT NUMBER
WASTELOAD FOR MONTH OF

Wheeling-Pittsburgh Steel Corporation						
Beech Bottom, Brooke County, WV						
WV0004511	OUTLET NO.	104				

**COMMERCIAL LABORATORY NAME** Pace Analytical Services, Inc. **COMMERCIAL LABORATORY ADDRESS** 

One Triangle Lane Export, PA 15632

December 2002

INDIVIDUAL PERFORMING ANALYSIS

Pace Personnel

			Qua	ntity				Other	Units			Measurement	Sample
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Type
Total Iron	Reported	N/A	0.07	0.08	N/A	0	N/A	0.29	0.33	mg/i	0	2/Month	Composite
01045	Permit Limitation	N/A	0.55	1.09			N/A	Monitor	Monitor	g.		2/Month	Composite
Total Zinc	Reported	N/A	0.12	0.18	#/day	0	N/A	480	730	a/l	0	2/Month	Composite
01092	Permit Limitation	N/A	0.51	1.16	#/day		N/A	Monitor	Monitor	μg/l		2/Month	Composite
Total Cyanide	Reported	N/A	<0.002	<0.002	#/day	0	N/A	<10	<10	μg/l	0	2/Month	Composite
00720	Permit Limitation	N/A	0.10	0.25	maay		N/A	Monitor	Monitor	дуп		2/Month	Composite
Total Chromium	Reported	N/A	<0.002	<0.002	#/day	0	N/A	<10	<10	<u>н</u> д/I	0	2/Month	Composite
01032	Permit Limitation	N/A	0.15	0.36			N/A	Monitor	Monitor	P3.		2/Month	Composite
Total Copper	Reported	N/A	0.008	0.011	#/day	0	N/A	33	45	μg/l	0	2/Month	Composite
01042	Permit Limitation	N/A	0.32	0.59	,,,dd,		N/A	Monitor	Monitor			2/Month	Composite
Hardness	Reported	N/A	N/A	N/A	N/A	0	N/A	N/A	N/A	mg/l	0	N/A	N/A
00900	Permit Limitation	N/A	N/A	N/A	10//		N/A	N/A	Monitor	mg/		1/Quarter	Composite
Name of	Principal Exec	utive Officer	L portific une	lar nagelty of la	u that this	e decume	nt and all attac	hmante unra nranse	od under my		D	ate Completed	
	James G. Brad	direction or	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or										
	Title of Offic	persons whinformation,	persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate,							Officer or			
1	President and C.	E.O.		te. I am aware e possibility of fin				for submitting false lations.	intermation,	13	ul	E. An	nuts

#### STATE OF WEST VIRGINIA STREAM SAMPLING REPORT FORM

Company Name:	Wheeling-Pittsburgh	Steel Corporation		
Location:	Beech Bottom, WV	Permit Number:	WV0004511	
Type of Activity:	Landfil	l: Spray	Irrigation:	
Other (Describe):	Storm Water Runoff	Stream Sampling S	Station No.:	1
Type of Sampling:	Mine Run (upstream)	adjacent to Route 2		
Type of Sampling:	X Grab:	Composite:	Other (I	Describe):
Date:	December 2002	Stream Flow:	No Flow	GPD

PARAMETER	CONCENTRATION	UNITS
Oil and Grease	-	Mg/l
Chromium (Total)	-	Mg/l
Copper (Total)	-	Mg/l
Iron (Total)	-	Mg/l
Zinc (Total)	-	Mg/l
pН	-	S.U.

### STATE OF WEST VIRGINIA STREAM SAMPLING REPORT FORM

Company Name:	Wheeling-Pittsburgh Ste	eel Corporation		
Location:	Beech Bottom, WV	Permit Number:	WV0004511	
Type of Activity:	Landfill:	Spray	Irrigation:	
Other (Describe):	Storm Water Runoff	_ Stream Sampling S	tation No.:	2
Type of Sampling:	Mine Run (downstream)	at the confluence with	the Ohio River	
Type of Sampling:	X Grab:	Composite:	Other (Des	scribe):
Date:	December 2002	Stream Flow:	No Flow	GPD

PARAMETER	CONCENTRATION	UNITS
Oil and Grease	-	Mg/l
Chromium (Total)	-	Mg/l
Copper (Total)	-	Mg/l
Iron (Total)	-	Mg/l
Zinc (Total)	-	Mg/l
pH	-	S.U.

## DMR ATTACHMENT DECEMBER 2002

January 15, 2003

#### Beech Bottom Plant

There were no exceedances of the Daily Maximium limitations or Monthly Average limitations at the Beech Bottom Plant in  $\underline{\textbf{December}}$  2002.

# WHEELING-PITTSBURGH STEEL CORPORATION BEECH BOTTOM PLANT FOURTH QUARTER 2002 SPECIAL SAMPLING DATA

SAMPLE POINT	SAMPLE DATE	PARAMETER	CONCENTRATION (mg/l)
INTAKE WATER WELL	10/10/02	COD TOC TOTAL SUSP. SOLIDS pH (S.U.) TOT. DISS. SOLIDS TOTAL IRON TOTAL MANGANESE CONDUCTIVITY (UMHO)	59 1.1 <4 7.5 930 6.2 2 250
CONTACT COOLING WATER	10/10/02	COD TOC TOTAL SUSP. SOLIDS pH (S.U.)	250 63 7 7.9

BUD. E. SMITH DIRECTOR ENVIRONMENTAL CONTROL (304) 234-2662



December 17, 2002

Director
WV Department of Environmental Protection
Office of Water Resources
1201 Greenbrier Street
Charleston, WV 25311-1088

UPS NEXT DAY AIR (Delivery Confirmation)

Attention: Engineering Branch

Re: WHEELING-PITTSBURGH STEEL CORP.
BEECH BOTTOM PLANT
NPDES PERMIT #WV0004511
DISCHARGE MONITORING REPORT
NOVEMBER 2002

#### Gentlemen:

Enclosed is the completed discharge monitoring report for the Beech Bottom Plant of Wheeling-Pittsburgh Steel Corporation covering the month of **November 2002** 

There were (2) Manganese exceedances at Outfall 004 at the Beech Bottom Plant during the month of November 2002. These are explained in more detail in the Attachement to the DMR's

If you should have any questions, please contact Tom Waligura at 304 234-2682.

Sincerely,

Bud E. Smith

Director - Environmental Control

Seel E. Smith

#### Enclosures

cc: Mike Runner, (Whg. Office, WVDEP)

USEPA Region III, NPDES Branch (3WP50)

cc: Field Supervisor & Field Inspector

WV Department of Environmental Protection

Environmental Enforcement

2031 Pleasant Valley Rd.

Suite #1

Fairmont, WV 26554

bcc: P. Barren

L.A. McGee/BB MFile 2.2.1 BES/ECMF 2.2.8.1

FACILITY NAME
LOCATION OF FACILITY
PERMIT NUMBER
WASTELOAD FOR MONTH OF

President and C.E.O.

Wheeling-Pittsburgh Steel Corporation

Beech Bottom, Brooke County, WV

WV0004511 OUTLET NO. 004

November 2002

COMMERCIAL LABORATORY NAME
COMMERCIAL LABORATORY ADDRESS

Pace Analytical Services, Inc.
One Triangle Lane

INDIVIDUAL PERFORMING ANALYSIS Export, PA 15632

Pace Personnel

			Quantity					Other Units					Sample
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Type
Flow	Reported	N/A	N/A	N/A	N/A	0	N/A	0.35	0.35	MGD	0	1/Month	Estimate
50050	Permit Limitation	N/A	N/A	N/A			N/A	Monitor	Monitor			1/Month	Estimate
Solids, Total	Reported	N/A	15	15	#/day	0	N/A	5	5	mg/i	0	1/Month	Composite
Suspended 00530	Permit Limitation	N/A	Monitor	Monitor	#/Qay		N/A	Monitor	Monitor	Ing/i		1/Month	Composite
Oil & Grease	Reported	N/A	14.9	14.9	#/day	0	N/A	5.1	5.1	mg/l	0	1/Month	Grab
00556	Permit Limitation	N/A	Monitor	Monitor	#/uay		N/A	Monitor	Monitor	Ing/I		1/Month	Grab
COD	Reported	N/A	81.9	81.9	#/day	0	N/A	28	28	mg/l	0	1/Month	Composite
00340	Permit Limitation	N/A	Monitor	Monitor	#/day		N/A	Monitor	Monitor	mg/t		1/Month	Composite
TOC	Reported	N/A	18.1	18.1	#/day	0	N/A	6.2	6.2	mg/l	0	1/Month	Composite
00680	Permit Limitation	N/A	Monitor	Monitor	#/uay		N/A	Monitor	Monitor	mg/i		1/Month	Composite
pН	Reported	N/A	N/A	N/A	N/A	0	7.5	N/A	7.6		0	1/Week	Grab
00400	Permit Limitation	N/A	N/A	N/A	N/A		6.0	N/A	10.0	s.u.		1/Week	Grab
Chloride	Reported	N/A	1052.8	1052.8	#/day	0	N/A	360	360	mg/l	0	1/Month	Composite
00940	Permit Limitation	N/A	Monitor	Monitor	#/uay		N/A	Monitor	Monitor	Ing/I		1/Month	Composite
Name of	Name of Principal Executive Officer     certify under penalty of law that this document and all attachments were prepared under my								D	ate Completed			
	James G. Brad	lley	direction or	supervisión in a	ccordance	with a sy	stem designed	to assure that qualif d on my inquiry of t	ied personnel	•	2-1	6-0	
Title of Officer  persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information.						gathering the rue, accurate,	Signature of Principal Executive Officer or Authorized Agent						

and complete. I am aware that there are significant penalties for submitting false information,

including the possibility of fine and imprisonment for knowing violations.

**FACILITY NAME** Wheeling-Pittsburgh Steel Corporation COMMERCIAL LABORATORY NAME Pace Analytical Services, Inc. **LOCATION OF FACILITY** Beech Bottom, Brooke County, WV **COMMERCIAL LABORATORY ADDRESS** One Triangle Lane OUTLET NO. 004 PERMIT NUMBER WV0004511 Export, PA 15632 WASTELOAD FOR MONTH OF November 2002 INDIVIDUAL PERFORMING ANALYSIS Pace Personnel

		Quantity					Other Units					Measurement	Sample
Parameter	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Туре	
Total													
Manganese	Reported	N/A	11.84	26.85	#/day	0	N/A	44	9	mg/l	2	3/Month	Composite
01055	Permit Limitation	N/A	Monitor	Monitor	uu,		N/A	2	4			1/Month	Composite
Total													
Zinc	Reported	N/A	0.5	0.5	#/404	0	N/A	170	170		0	1/Month	Composite
01092	Permit Limitation	N/A	Monitor	Monitor	#/day		N/A	500	1000	μg/l		1/Month	Composite
Total													Composito
Nickel	Reported	N/A	N/A	N/A	#/day	0	N/A	N/A	N/A	μg/l	0	N/A	N/A
01067	Permit Limitation	N/A	Monitor	Monitor			N/A	Monitor	Monitor			1/Quarter	Composite
Total .		1,071				W. 24 12 50 00					626 1982 CV. CO. S.	17 4 2 4 1 5 1	Composite
Lead	Reported	N/A	N/A	N/A	#/day	l 0	N/A	N/A	N/A	μg/l	0	N/A	N/A
	Permit					14 75 27 10							
01051	Limitation	N/A	Monitor	Monitor			N/A	Monitor	Monitor			1/Quarter	Composite
Total	_												
Chromium	Reported	N/A	N/A	N/A	#/day	0	N/A	N/A	N/A	μg/l	0	N/A	N/A
0.1000	Permit				"rudy					p.g/i			
01032	Limitation	N/A	Monitor	Monitor		100	N/A	Monitor	Monitor	ļ		1/Quarter	Composite
Total	Reported	N/A	N/A	N/A		0	N/A	N/A	N/A		0	N/A	N/A
Copper	Permit	19/74	IN/A	IN/A	#/day	U	, IN/A	IN/A	IV/A	μg/l	0	IN/A	I N/A
01042	Limitation	N/A	Monitor	Monitor			N/A	Monitor	Monitor			1/Quarter	Composite
Name of 1	Name of Principal Executive Officer									<u> </u>	D	ate Completed	
	James G. Brad							hments were prepare to assure that qualifi					
	Junios G. Diad	,									/	16-02	
properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the						athering the	Signature of Principal Executive Officer or						
	Title of Offic	er						wiedge and belief, tr				thorized Agent	
P	resident and C.	E.O.		te. I am aware t e possibility of fin				for submitting false	information,	1	7		1
•			morading th	o bossining of the	c and mp		io. miorning the	www.id.		7		10	, ,

COMMERCIAL LABORATORY NAME Pace Analytical Services, Inc. **FACILITY NAME** Wheeling-Pittsburgh Steel Corporation Beech Bottom, Brooke County, WV **COMMERCIAL LABORATORY ADDRESS** One Triangle Lane LOCATION OF FACILITY OUTLET NO. 004 Export, PA 15632 WV0004511 PERMIT NUMBER November 2002 INDIVIDUAL PERFORMING ANALYSIS Pace Personnel WASTELOAD FOR MONTH OF

			Qua	ntity				Other	Units			Measurement	Sample
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Туре
Total Iron	Reported	N/A	0.32	0.32	#/day	0	N/A	0.11	0.11	mg/l	0	1/Month	Composite
01045	Permit Limitation	N/A	Monitor	Monitor			N/A	Monitor	Monitor			1/Month	Composite
Sulfate	Reported	N/A	965.1	965.1	#/day	0	N/A	330	330	ma/i	0	1/Month	Composite
00945	Permit Limitation	N/A	Monitor	Monitor	nrad)		N/A	Monitor	Monitor			1/Month	Composite
Total Aluminum	Reported	N/A	<0.29	<0.29	#/day	0	N/A	<100	<100		0	1/Month	Composite
01105	Permit Limitation	N/A	Monitor	Monitor	#/day		N/A	Monitor	Monitor	μg/l		1/Month	Composite
Hardness	Reported	N/A	N/A_	N/A		0	N/A	N/A	N/A	mg/l	0	N/A	N/A
00900	Permit Limitation	N/A	N/A	N/A			N/A	N/A	Monitor	,g.,		1/Year	Composite
Acute Toxicity	Reported	N/A	N/A	N/A		0	N/A	N/A	N/A	TUa	0	N/A	N/A
Daphnia 61425	Permit Limitation	N/A	N/A	N/A			N/A	N/A	2.5	loa		1/Year	Composite
Acute Toxicity	Reported	N/A	N/A	N/A	,	0	N/A	N/A	N/A	TUa	0	N/A	N/A
Fathead 61427	Permit Limitation	N/A	N/A	N/A			N/A	N/A	2.5	10a		1/Year	8 Hour Composite
Name of	Principal Exec	utive Officer									D	ate Completed	
	James G. Brad	lley	direction or	supervision in a	ccordance	with a sy	stem designed	hments were prepar to assure that qualifi d on my inquiry of t	ied personnel		12-	16-0-	iii
	Title of Offic	persons w	persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate,  Authorized Agent							Officer or			
	President and C		ete. I am aware se possibility of fir				for submitting false plations.	e information,	1.	Soul	18 1	-4	

FACILITY NAME
LOCATION OF FACILITY
PERMIT NUMBER
WASTELOAD FOR MONTH OF

Wheeling-Pittsburgh Steel Corporation

Beech Bottom, Brooke County, WV

WV0004511 OUTLET NO. 104

November 2002

COMMERCIAL LABORATORY NAME
COMMERCIAL LABORATORY ADDRESS

Pace Analytical Services, Inc.
One Triangle Lane

Export, PA 15632 Pace Personnel

INDIVIDUAL PERFORMING ANALYSIS

		<u> </u>	Qua	ntity				Other	Units			Measurement	Sample
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Туре
Flow	Reported	N/A	N/A	N/A	N/A	0	N/A	0.024	0.025	MGD	0	2/Month	Estimate
50050	Permit Limitation	N/A	N/A	N/A	IN/A		N/A	Monitor	0.22	WIGD		2/Month	Estimate
Solids, Total	Reported	N/A	0.74	1.47	#4.4	0	N/A	4	8		0	2/Month	Composite
Suspended 00530	Permit Limitation	N/A	44.24	90.5	#/day		N/A	Monitor	Monitor	mg/l		2/Month	Composite
Oil & Grease	Reported	N/A	<1	<1.04	#/day	0	N/A	<5	<5	mg/l	0	2/Month	Grab
00556	Permit Limitation	N/A	26.52	44.24	#/Uay		N/A	Monitor	Monitor	ilig/i		2/Month	Grab
COD	Reported	N/A	16.7	16.7	#/day	0	N/A	91	91	mg/l	0	1/Month	Composite
00340	Permit Limitation	N/A	Monitor	Monitor	mady		N/A	Monitor	Monitor	1119/1		1/Month	Composite
тос	Reported	N/A	4.6	4.6	#/day	0	N/A	25	25	mg/l	0	1/Month	Composite
00680	Permit Limitation	N/A	Monitor	Monitor	#/day		N/A	Monitor	Monitor	111977		1/Month	Composite
рН	Reported	N/A	N/A	N/A	N/A	0	8.2	N/A	8.4	6.11	0	2/Month	Grab
00400	Permit Limitation	N/A	N/A	N/A	IN/A	14.	6.0	N/A	10.0	s.u.		2/Month	Grab
Sulfate	Reported	N/A	275	275	#/dov	0	N/A	1500	1500	ma/l	0	1/Month	Composite
00945	Permit Limitation	N/A	Monitor	Monitor	#/day		N/A	Monitor	Monitor	mg/l		1/Month	Composite

Name of Principal Executive Officer

James G. Bradley

President and C.E.O.

Title of Officer

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Date Completed

12-16-0-

Signature of Principal Executive Officer or Authorized Agent

Bul €. Is

Wheeling-Pittsburgh Steel Corporation **FACILITY NAME COMMERCIAL LABORATORY NAME** Pace Analytical Services, Inc. Beech Bottom, Brooke County, WV LOCATION OF FACILITY **COMMERCIAL LABORATORY ADDRESS** One Triangle Lane PERMIT NUMBER WV0004511 OUTLET NO. 104 Export, PA 15632 WASTELOAD FOR MONTH OF November 2002 INDIVIDUAL PERFORMING ANALYSIS Pace Personnel

			Qua	ntity				Other	Units			Measurement	Sample
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Туре
Total Iron	Reported	N/A	0.1	0.113	N/A	0	N/A	0.505	0.54	mg/l	0	2/Month	Composite
01045	Permit Limitation	N/A	0.55	1.09			N/A	Monitor	Monitor			2/Month	Composite
Total Zinc	Reported	N/A	0.088	0.136	#/day	0	N/A	430	650	μg/l	0	2/Month	Composite
01092	Permit Limitation	N/A_	0.51	1.16	mody		N/A	Monitor	Monitor	μул		2/Month	Composite
Total Cyanide	Reported	N/A	<0.002	<0.002	#/day	0	N/A	<10	<10	μg/l	0	2/Month	Composite
00720	Permit Limitation	N/A	0.10	0.25	duy		N/A	Monitor	Monitor	J		2/Month	Composite
Total Chromium	Reported	N/A	<0.002	<0.002	#/day	0	N/A	<10	<10	μg/l	0	2/Month	Composite
01032	Permit Limitation	N/A	0.15	0.36	maay		N/A	Monitor	Monitor	µg/i	ike s	2/Month	Composite
Total Copper	Reported	N/A	0.008	0.008	#/day	0	N/A	40	45	μg/l	0	2/Month	Composite
01042	Permit Limitation	N/A	0.32	0.59	mody		N/A	Monitor	Monitor	µg/i		2/Month	Composite
Hardness	Reported	N/A	N/A	N/A	N/A	0	N/A	N/A	N/A	mg/l	0	N/A	N/A
00900	Permit Limitation	N/A	N/A	N/A			N/A	N/A	Monitor	l ligh		1/Quarter	Composite
Name of	Principal Exec	utive Officer	l andife un		4b-4 4b:			h	-ddar		D	ate Completed	
	James G. Brad	ley	direction or	supervision in a	ccordance	with a sy	stem designed	hments were prepar to assure that qualifi d on my inquiry of t	ed personnel		12-	16.02	
	Title of Offic	persons wi	persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate,						e, Authorized Agent				
]	President and C		te. I am aware e possibility of fir				for submitting false lations.	information,	1	Seu	1 E. A	mut	

### DMR ATTACHMENT NOVEMBER 2002

December 16, 2002

#### Beech Bottom Plant

There was one (1) exceedance of the Daily Maximium limitation for Total Managnese on November 21, 2002 and one (1) exceedance of the Monthly Average limitations at outfall 004 at the Beech Bottom Plant in **November 2002**.

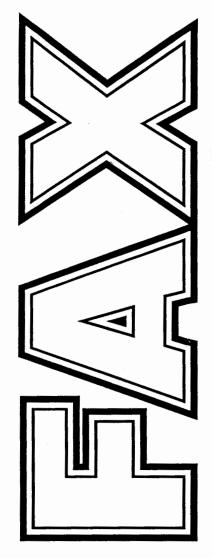
Three samples were taken in November. The first sample taken on November 8th yielded a concentration of 2.1 mg/l. Additional samples were collected in order to bring the Monthly Average concentration below the limitation of 2.0 mg/l.

The second sample was taken on November 21. An unusual maintenance outage occurred just prior to the sampling date. A number of process cleaning tanks from the paint lines were drained to the wastewater treatment facility. This apparently overloaded the treatment systems ability to reduce all the Manganese that was present. The sample of November 21st yielded a manganese concentration of 9.1 mg/l, above the Daily Maximum limitation of 4.0 mg/l.

A third sample was collected on November 27th to make sure that the manganese concentrations were back to normal ranges. The sample yielded a concentartion of 0.87~mg/l.

The three samples yielded a Monthly Average concentration value of 4.0 mg/l, above the 2.0 mg/l Monthly Average limitation.

We believe the high Manganese concentartion of November 21st at Outfall 004 was an unusual occurrence and should not happen in the future.



#### (2002) A A N S M

To:

Linda Simmons

**WVDEP** 

Fax:

(304) 558-5903

From:

Tom Waligura

Date:

November 14, 2002

Pages:

3 Including Cover

Re:

WHEELING-PITTSBURGH STEEL CORP.

**BEECH BOTTOM PLANT** 

**OUTFALL 004** 

**BIOASSAY DATA - OCT 2002** 



1134 Market Street Wheeling, WV 26003 304-234-2682 FAX 304-234-2613 Dear Ms. Simmons:

Attached is the WV DMR for Beech Bottom Outfall 004 which was conducted from Oct.8th through the 9th of 2002.

If you should have any questions, please contact me at (304) 234-2682.

> Thanks, Tom Waligura

BUD. E. SMITH DIRECTOR ENVIRONMENTAL CONTROL (304) 234-2662



November 12, 2002

Director
WV Department of Environmental Protection
Office of Water Resources
1201 Greenbrier Street
Charleston, WV 25311-1088

UPS NEXT DAY AIR (Delivery Confirmation)

Attention: Engineering Branch

Re: WHEELING-PITTSBURGH STEEL CORP.
BEECH BOTTOM PLANT
NPDES PERMIT #WV0004511
DISCHARGE MONITORING REPORT
OCTOBER 2002

#### Gentlemen:

Enclosed is the completed discharge monitoring report for the Beech Bottom Plant of Wheeling-Pittsburgh Steel Corporation covering the month of October 2002

There were no exceedances on the DMR's at the Beech Bottom Plant during the month of October 2002.

If you should have any questions, please contact Tom Waligura at 304 234-2682.

Sincerely.

Bud E. Smith

Director - Environmental Control

Bul E. Smits

Enclosures

cc: Mike Runner, (Whg. Office, WVDEP)

USEPA Region III, NPDES Branch (3WP50)

cc: Field Supervisor & Field Inspector

WV Department of Environmental Protection

Environmental Enforcement

2031 Pleasant Valley Rd.

Suite #1

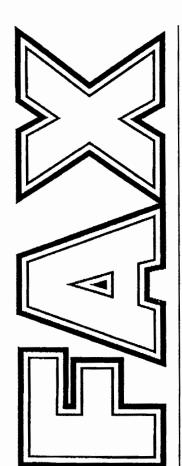
Fairmont, WV 26554

**FACILITY NAME** Wheeling-Pittsburgh Steel Corporation **COMMERCIAL LABORATORY NAME** Pace Analytical Services, Inc. Beech Bottom, Brooke County, WV **LOCATION OF FACILITY COMMERCIAL LABORATORY ADDRESS** One Triangle Lane OUTLET NO. 004 PERMIT NUMBER WV0004511 Export, PA 15632 Pace Personnel WASTELOAD FOR MONTH OF October 2002 INDIVIDUAL PERFORMING ANALYSIS

			Qua	ntity		Other		Measurement	Sample				
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Type
Total Iron	Reported	N/A	0.47	0.47	#/day	0	N/A	0.27	0.27	mg/l	0	1/Month	Composite
01045	Permit Limitation	N/A	Monitor	Monitor	πισαγ		N/A	Monitor	Monitor	ilig/i		1/Month	Composite
Sulfate	Reported	N/A	1000.1	1000.1	#/day	0	N/A	570	570	mg/l	0	1/Month	Composite
00945	Permit Limitation	N/A	Monitor	Monitor	.,,,		N/A	Monitor	Monitor			1/Month	Composite
Total Aluminum	Reported	N/A	<0.175	<0.175	#/day	0	N/A	<100	<100	μg/l	0	1/Month	Composite
01105	Permit Limitation	N/A	Monitor	Monitor	,,,day		N/A	Monitor	Monitor	Hg/		1/Month	Composite
Hardness	Reported	N/A	N/A	N/A		0	N/A	N/A	N/A	mg/l	00	N/A	N/A
00900	Permit Limitation	N/A	N/A	N/A			N/A	N/A	Monitor	mg/i		1/Year	Composite
Acute Toxicity	Reported	N/A	N/A	N/A		0	N/A	N/A	<1	TUa	0	1/Year	Composite
Daphnia 61425	Permit Limitation	N/A	N/A	N/A	week -	1.00 kg (1.00 kg)	N/A	N/A	2.5	100		1/Year	Composite
Acute Toxicity	Reported	N/A	N/A	N/A		0	N/A	N/A	<1	TUa	0	1/Year	8 Hour Composite
Fathead 61427	Permit Limitation	N/A	N/A	N/A			N/A	N/A	2.5	100		1/Year	8 Hour Composite
Name of	Principal Exec	utive Officer	1 416		41 -4 41-1			L			D	ate Completed	
	James G. Brad	ley	direction or	supervision in a	ccordance	with a sy	stem designed	hments were prepare to assure that qualifi d on my inquiry of t	ed personnel		٨	IOV 1 ? 2002	
	Title of Offic	er	information	persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate,								Officer or	
F	resident and C	.E.O.		e possibility of fir				for submitting false lations.	intormation,	Be	ul.	E. In	ut &

ENVIRONMENTAL CHTRL

DATE TIME TO/FRO 03 11/14 13:15 304 558 5903 MODE MIN/SEC PGS CMD# STATUS EC--S 00'55" 003 025 OK



#### TRANSMITTAL

To:

Linda Simmons

**WVDEP** 

Fax:

(304) 558-5903

From:

Tom Waligura

Date:

November 14, 2002

Pages:

3 Including Cover

Re:

WHEELING-PITTSBURGH STEEL CORP.

**BEECH BOTTOM PLANT** 

**OUTFALL 004** 

BIOASSAY DATA - OCT 2002



1134 Market Street Wheeling, WV 26003 304-234-2682 FAX 304-234-2613 Dear Ms. Simmons:

Attached is the WV DMR for Beech Bottom Outfall 004 which was conducted from Oct.8th through the 9th of 2002.

If you should have any questions, please contact me at (304) 234-2682.

Thanks, Tom Waligura BUD. E. SMITH DIRECTOR ENVIRONMENTAL CONTROL (304) 234-2662



November 12, 2002

Director WV Department of Environmental Protection Office of Water Resources 1201 Greenbrier Street Charleston, WV 25311-1088

UPS NEXT DAY AIR (Delivery Confirmation)

Attention: Engineering Branch

Re: WHEELING-PITTSBURGH STEEL CORP.
BEECH BOTTOM PLANT
NPDES PERMIT #WV0004511
DISCHARGE MONITORING REPORT
OCTOBER 2002

#### Gentlemen:

Enclosed is the completed discharge monitoring report for the Beech Bottom Plant of Wheeling-Pittsburgh Steel Corporation covering the month of October 2002

There were no exceedances on the DMR's at the Beech Bottom Plant during the month of October 2002.

If you should have any questions, please contact Tom Waligura at 304 234-2682.

Sincerely,

Bud E. Smith

Director - Environmental Control

Bed E. Smit

#### Enclosures

cc: Mike Runner, (Whg. Office, WVDEP)

USEPA Region III, NPDES Branch (3WP50)

cc: Field Supervisor & Field Inspector

WV Department of Environmental Protection

Environmental Enforcement

2031 Pleasant Valley Rd.

Suite #1

Fairmont, WV 26554

bcc: P. Barren

L.A. McGee/BB MFile 2.2.1

BES/ECMF 2.2.8.1

FACILITY NAME
LOCATION OF FACILITY
PERMIT NUMBER
WASTELOAD FOR MONTH OF

Wheeling-Pittsb	urgh Steel Corpo	oration
Beech Bottom, Bro	ooke County, WV	
WV0004511	OUTLET NO.	004
October 2002		

COMMERCIAL LABORATORY NAME

COMMERCIAL LABORATORY ADDRESS

Pace Analytical Services, Inc.
One Triangle Lane
Export, PA 15632

INDIVIDUAL PERFORMING ANALYSIS

Pace Personnel

			Qua	ntity				Other	Units			Measurement	Sample	
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Туре	
Flow	Reported	N/A	N/A	N/A	N/A	0	N/A	0.21	0.21	MGD	0	1/Month	Estimate	
50050	Permit Limitation	N/A	N/A	N/A	1,,,,		N/A	Monitor	Monitor			1/Month	Estimate	
Solids, Total	Reported	N/A	26	26	#/day	0	N/A	15	15	mg/l	0	1/Month	Composite	
Suspended 00530	Permit Limitation	N/A	Monitor	Monitor	#/day		N/A	Monitor	Monitor	l lligh		1/Month	Composite	
Oil & Grease	Reported	N/A	<8.76	<8.76	#/day	0	N/A	<5	<5	mg/l	0	1/Month	Grab	
00556	Permit Limitation	N/A	Monitor	Monitor	maay		N/A	Monitor	Monitor	111971		1/Month	Grab	
COD	Reported	N/A	103.5	103.5	#/day	0	N/A	59	59	mg/l	0	1/Month	Composite	
00340	Permit Limitation	N/A	Monitor	Monitor	#/uay		N/A	Monitor	Monitor	ling/		1/Month	Composite	
тос	Reported	N/A	24.6	24.6	#/day	0	N/A	14	14	mg/l	0	1/Month	Composite	
00680	Permit Limitation	N/A	Monitor	Monitor	,,,,,,		N/A	Monitor	Monitor			1/Month	Composite	
рН	Reported	N/A	N/A	N/A	N/A	0	7.4	N/A	9.2	s.u.	0	1/Week	Grab	
00400	Permit Limitation	N/A	N/A	N/A	14//		6.0	N/A	10.0	0.0.		1/Week	Grab	
Chloride	Reported	N/A	56.1	56.1	#/day	0	N/A	32	32	mg/l	0	1/Month	Composite	
00940	Permit Limitation	N/A	Monitor	Monitor	#ruay		N/A	Monitor	Monitor	liig/i		1/Month	Composite	
Name of	Principal Exec	utive Officer	1 416	d.,	41-24-41-1		-411 -44		ad under mu		D	ate Completed		
	supervision in a	ccordance	with a sy	stem designed	hments were prepar to assure that qualifi d on my inquiry of t	ed personnel		NOV	1 2 2002					
41-11-77-41-8-1-20-11-1	Title of Offic	er	persons w	persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate,								he Signature of Principal Executive Officer or		
I	President and C	.E.O.	and comple including th	ete. I am aware e possibility of fir	that there	are sign orisonmen	ificant penalties t for knowing vio	for submitting false lations.	information,	Be	1	E. Im	not.	

**FACILITY NAME** LOCATION OF FACILITY PERMIT NUMBER WASTELOAD FOR MONTH OF Wheeling-Pittsburgh Steel Corporation Beech Bottom, Brooke County, WV WV0004511 OUTLET NO. 004

October 2002

Pace Analytical Services, Inc. COMMERCIAL LABORATORY NAME One Triangle Lane COMMERCIAL LABORATORY ADDRESS

Export, PA 15632

INDIVIDUAL PERFORMING ANALYSIS

Pace Personnel

			Qua	ntity				Other	Units			Measurement	Sample					
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Туре					
Total Manganese	Reported	N/A	1.93	1.93	#/day	0	N/A	1.1	1.1	mg/l	0	1/Month	Composite					
01055	Permit Limitation	N/A	Monitor	Monitor	day		N/A	2	4			1/Month	Composite					
Total Zinc	Reported	N/A	0.47	0.47	#/day	0	N/A	270	270	μg/l	0	1/Month	Composite					
01092	Permit Limitation	N/A	Monitor	Monitor	miday		N/A	500	1000	µg/i		1/Month	Composite					
Total Nickel	Reported	N/A	0.35	0.35	#/day	0	N/A	200	200		0	1/Quarter	Composite					
01067	Permit Limitation	N/A	Monitor	Monitor	#/day		N/A	Monitor	Monitor	μg/l		1/Quarter	Composite					
Total Lead	Reported	N/A	<0.002	<0.002	#/day	0	N/A	<1	<1	μg/l	0	1/Quarter	Composite					
01051	Permit Limitation	N/A	Monitor	Monitor	#/day		N/A	Monitor	Monitor	μ9/1		1/Quarter	Composite					
Total Chromium	Reported	N/A	<0.018	<0.018	#/day	0	N/A	<10	<10	μg/l	0	1/Quarter	Composite					
01032	Permit Limitation	N/A	Monitor	Monitor	#/day		N/A	Monitor	Monitor	ру/	12 10 10 10 10 10 10 10 10 10 10 10 10 10	1/Quarter	Composite					
Total Copper	Reported	N/A	<0.018	<0.018	N/A	0	N/A	<10	<10		0	1/Quarter	Composite					
01042	Permit Limitation	N/A	Monitor	Monitor	IN/A		N/A	Monitor	Monitor	μg/l		1/Quarter	Composite					
Name of	Principal Exec James G. Brad		direction or	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel													nte Completed	
	Title of Offic	persons white information,									of Principal Executive Officer or Authorized Agent							
1	President and C		te. I am aware e possibility of fin					intormation,	13	ul	E. In	1						

FACILITY NAME	Wheeling-Pittsburgh Steel Corporation	COMMERCIAL LABORATORY NAME	Pace Analytical Services, Inc.
LOCATION OF FACILITY	Beech Bottom, Brooke County, WV	COMMERCIAL LABORATORY ADDRESS	One Triangle Lane
PERMIT NUMBER	WV0004511 OUTLET NO. 004		Export, PA 15632
WASTELOAD FOR MONTH OF	October 2002	INDIVIDUAL PERFORMING ANALYSIS	Pace Personnel

			Oua	ntity				Other	Units		<u>-</u>	Measurement	Sample
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Туре
Total				-		1							
lron	Reported	N/A	0.47	0.47	#/day	0	N/A	0.27	0.27	mg/l	0	1/Month	Composite
01045	Permit Limitation	N/A	Monitor	Monitor	#/uay		N/A	Monitor	Monitor	ingn		1/Month	Composite
Sulfate	Reported	N/A	1000.1	1000.1	#/day	0	N/A	570	570	ma/l	0	1/Month	Composite
00945	Permit Limitation	N/A	Monitor	Monitor	#/day		N/A	Monitor	Monitor	mg/l	4	1/Month	Composite
Total Aluminum	Reported	N/A	<0.175	<0.175		0	N/A	<100	<100		0	1/Month	Composite
01105	Permit Limitation	N/A	Monitor	Monitor	#/day		N/A	Monitor	Monitor	μg/l		1/Month	Composite
Hardness	Reported	N/A	N/A	N/A		0	N/A	N/A	N/A		0	N/A	N/A
00900	Permit Limitation	N/A	N/A	N/A			N/A	N/A	Monitor	mg/l		1/Year	Composite
Acute Toxicity	Reported	N/A	N/A	N/A		0	N/A	N/A	<1	T. 1-	0	1/Year	Composite
Daphnia 61425	Permit Limitation	N/A	N/A	N/A			N/A	N/A	2.5	TUa		1/Year	Composite
Acute Toxicity	Reported	N/A	N/A	N/A		0	N/A	N/A	<1	T	0	1/Year	8 Hour Composite
Fathead 61427	Permit Limitation	N/A	N/A	N/A			N/A	N/A	2.5	TUa	ACTION OF	1/Year	8 Hour Composite
Name of	Principal Exec	utive Officer									D	ate Completed	
	James G. Brad	direction or	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or										
	Title of Offic	persons whinformation	persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate,  Authorized Agents									Officer or	
I	President and C	E.O.		te. I am aware e possibility of fir				for submitting false lations.	information,	Be	,	6. In	

FACILITY NAME
LOCATION OF FACILITY
PERMIT NUMBER
WASTELOAD FOR MONTH OF

Wheeling-Pittsburgh Steel Corporation

Beech Bottom, Brooke County, WV

WV0004511 OUTLET NO. 104

October 2002

COMMERCIAL LABORATORY NAME
COMMERCIAL LABORATORY ADDRESS

Pace Analytical Services, Inc.
One Triangle Lane

INDIVIDUAL PERFORMING ANALYSIS F

Export, PA 15632
Pace Personnel

			Qua	ntity				Other	Units			Measurement	Sample
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Type
Flow	Reported	N/A	N/A	N/A	N/A	0	N/A	0.025	0.03	MGD	0	2/Month	Estimate
50050	Permit Limitation	N/A	N/A	N/A			N/A	Monitor	0.22			2/Month	Estimate
Solids, Total	Reported	N/A	2.13	2.76	#/day	0	N/A	10	11	mg/l	0	2/Month	Composite
Suspended 00530	Permit Limitation	N/A	44.24	90.5	maay		N/A	Monitor	Monitor	ilig/.		2/Month	Composite
Oil & Grease	Reported	N/A	<1.04	<1.25	#/day	0	N/A	<5	<5	mg/l	0	2/Month	Grab
00556	Permit Limitation	N/A	26.52	44.24	mady		N/A	Monitor	Monitor		4. 传	2/Month	Grab
COD	Reported	N/A	14.3	14.3	#/day	0	N/A	57	57	mg/l	0	1/Month	Composite
00340	Permit Limitation	N/A	Monitor	Monitor	maay		N/A	Monitor	Monitor	ling/i		1/Month	Composite
TOC	Reported	N/A	3.676	3.676	#/day	0	N/A	22	22	mg/l	0	1/Month	Composite
00680	Permit · Limitation	N/A	Monitor	Monitor	m/day		N/A	Monitor	Monitor	g//		1/Month	Composite
pН	Reported	N/A	N/A	N/A	N/A	0	7.9	N/A	8.5	s.u.	0	2/Month	Grab
00400	Permit Limitation	N/A	N/A	N/A	14/7		6.0	N/A_	10.0	3.4.	43.0°	2/Month	Grab
Sulfate	Reported	N/A	217	217	#/day	0	N/A	1300	1300	mg/l	0	1/Month	Composite
00945	Permit Limitation	N/A	Monitor	Monitor	#/day		N/A	Monitor	Monitor	ling/i		1/Month	Composite
Name of	Name of Principal Executive Officer						nt and all attac	hmente were nrenar	ed under my		D	ate Completed	
	James G. Brad	ley	direction or	supervision in a	ccordance	with a sy	stem designed	to assure that qualifi	ed personnel		NOV	1 2 2002	
	Title of Offic	er	persons whinformation,	properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate,							ature of Principal Executive Officer or Authorized Agent		
I	President and C	E.O.		ete. I am aware e possibility of fir				for submitting false plations.	information,	13	ul .	E. In	

FACILITY NAME
LOCATION OF FACILITY
PERMIT NUMBER
<b>WASTELOAD FOR MONTH OF</b>

Wheeling-Pittsl	ourgh Steel Corpo	ration	
Beech Bottom, B	rooke County, WV		
WV0004511	OUTLET NO.	104	

COMMERCIAL LABORATORY NAME
Pace Analytical Services, Inc.

COMMERCIAL LABORATORY ADDRESS
One Triangle Lane
Export, PA 15632

INDIVIDUAL PERFORMING ANALYSIS
Pace Personnel

October 2002	INDIVIDUAL P
--------------	--------------

		Quantity						Other Units					Sample
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Type
Total Iron	Reported	N/A	0.049	0.078	N/A	0	N/A	0.215	0.31	mg/l	0	2/Month	Composite
01045	Permit Limitation	N/A	0.55	1.09	,,,,,		N/A	Monitor	Monitor	ļg.	e de la composition della comp	2/Month	Composite
Total Zinc	Reported	N/A	0.159	0.203	#/day	0	N/A	745	810	μg/l	0	2/Month	Composite
01092	Permit Limitation	N/A	0.51	1.16	maay,		N/A	Monitor	Monitor	J. J.		2/Month	Composite
Total Cyanide	Reported	N/A	<0.002	<0.003	#/day	0	N/A	<10	<10	μg/l	0	2/Month	Composite
00720	Permit Limitation	N/A	0.10	0.25	#/day		N/A	Monitor	Monitor	Hgn		2/Month	Composite
Total Chromium	Reported	N/A	<0.002	<0.003	#/day	0	N/A	<10	<10	μg/l	0	2/Month	Composite
01032	Permit Limitation	N/A	0.15	0.36	#/day		N/A	Monitor	Monitor	дуп		2/Month	Composite
Total Copper	Reported	N/A	0.005	0.008	#/day	0	N/A	22	32	μg/l	0	2/Month	Composite
01042	Permit Limitation	N/A	0.32	0.59	#/uay		N/A	Monitor	Monitor	нул		2/Month	Composite
Hardness	Reported	N/A	N/A	N/A	N/A	0	N/A	N/A	880	mg/l	0	1/Quarter	Composite
00900	Permit Limitation	N/A	N/A	N/A	l N/A		N/A	N/A	Monitor	llig/i		1/Quarter	Composite
Name of	Principal Exec	utive Officer	1 - 416	d	45 -4 45!		-4 11 -44		ad under mit		D	ate Completed	
	James G. Brad	direction or	supervision in a	ccordance	with a sy	stem designed	chments were prepar to assure that qualifi d on my inquiry of t	ed personnel		N	OV 1 2 2002		
	Title of Offic	persons wi	no manage the , the information	system, o	or those I is, to the	persons direct best of my kno	ly responsible for gowledge and belief, to	gathering the rue, accurate,	Signat		rincipal Executive uthorized Agent	Officer or	
	President and C		ete. I am aware ne possibility of fir				for submitting false plations.	intormation,	15	cul	E. In	2	

### DMR ATTACHMENT OCTOBER 2002

November 12, 2002

#### Beech Bottom Plant

There were no exceedances of the Daily Maximium limitations or Monthly Average limitations at the Beech Bottom Plant in  ${\color{red} \underline{October}}$  2002.

	lext Day A	
UDS UPS Wor	ldwide Ex	press sM
Shippin	g Doc	ument
See instructions on back. Call 1	-800-PICK-UF	PS (800-742-5877)
for additional information.		1000 517.0
TRACKING NUMBER 1ZF	IR 435 22	1006 547 2
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NO. REFERENCE NUMBER		
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NAME BUD SMITH	~ ○ 304-	EPHONE 234-2400
BUD SMITH		
WHEELING PITTSBUR	GH STEEL	•
STREET ADDRESS	11.4	
1134 MARKET ST		
CITY AND STATE	wv	ZIP CODE 26003-2906
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5	SATURDAY SATURDAY PICKUP See instructions.  SATURDAY DELIVERY See instructions.	A process of the proc
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6 ADDITIONAL HANDLING CHARGE	An Additional Handling Charge applies for certain items. See instructions.	49 a 100, when is a 1
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exported from the United St	to act as bonerding agent for export control and customs purposes. The shipper corroles that desires in econdation with the Export Administration Regulations. Diversion contanty (e.g.). 5, lear is preference on the control of the Export Administration Regulations.	apped and sold and so
9 SHIPPER'S SIGNATURI	X Alunkin	DAYE OF SHIPMENT



#### **DELIVERY NOTIFICATION**

Dear Customer,

This is in response to your request for delivery information concerning the shipment listed below.

Tracking Number: 1Z F1R 435 22 1006 547 2 Service Type: NEXT DAY AIR

Delivered on: Nov 13, 2002 9:56 A.M.

Delivered to: US Signed by: HILL Location: RECEIVER

Thank you for giving us this opportunity to serve you.

Sincerely, United Parcel Service

Tracking results provided by UPS: Nov 13, 2002 1:22 P.M. Eastern Time (USA)

BUD. E. SMITH DIRECTOR ENVIRONMENTAL CONTROL (304) 234-2662

October 15, 2002

Director

WV Department of Environmental Protection Office of Water Resources 1201 Greenbrier Street Charleston, WV 25311-1088 UPS NEXT DAY AIR (Delivery Confirmation)

Attention: Engineering Branch

Re: WHEELING-PITTSBURGH STEEL CORP.
BEECH BOTTOM PLANT
NPDES PERMIT #WV0004511
DISCHARGE MONITORING REPORT
SEPTEMBER 2002

#### Gentlemen:

Enclosed is the completed discharge monitoring report for the Beech Bottom Plant of Wheeling-Pittsburgh Steel Corporation covering the month of <u>September 2002</u>

There were no exceedances on the DMR's at the Beech Bottom Plant during the month of September 2002.

If you should have any questions, please contact Tom Waligura at 304 234-2682.

Sincerely,

Bud E. Smith

Director - Environmental Control

Bud E. Smit

#### **Enclosures**

cc: Mike Runner, (Whg. Office, WVDEP)

USEPA Region III, NPDES Branch (3WP50)

cc: Field Supervisor & Field Inspector

WV Department of Environmental Protection

Environmental Enforcement

2031 Pleasant Valley Rd.

Suite #1

Fairmont, WV 26554

bcc: P. Barren

L.A. McGee/BB MFile 2.2.1 BES/ECMF 2.2.8.1

FACILITY NAME
LOCATION OF FACILITY
PERMIT NUMBER
WASTELOAD FOR MONTH OF

Wheeling-Pittsburgh Steel Corporation	
Beech Bottom, Brooke County, WV	

COMMERCIAL LABORATORY NAME
COMMERCIAL LABORATORY ADDRESS

Pace Analytical Services, Inc.
One Triangle Lane

WV0004511 OUTLET NO. 004
September 2002

INDIVIDUAL PERFORMING ANALYSIS

Export, PA 15632 Pace Personnel

			Qua	ntity			Other Units Measurement						Sample
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Type
Flow	Reported	N/A	N/A	N/A	N/A	0	N/A	0.12	0.12	MGD	0	1/Month	Estimate
50050	Permit Limitation	N/A	N/A	N/A			N/A	Monitor	Monitor		at any	1/Month	Estimate
Solids, Total	Reported	N/A	27	27	#/day	0	N/A	27	27	mg/l	0	1/Month	Composite
Suspended 00530	Permit Limitation	N/A	Monitor	Monitor	"rady		N/A	Monitor	Monitor			1/Month	Composite
Oil & Grease	Reported	N/A	<5.0	<5.0	#/day	0	N/A	<5.0	<5.0	mg/i	0	1/Month	Grab
00556	Permit Limitation	N/A	Monitor	Monitor	"aay	4 22.59	N/A	Monitor	Monitor			1/Month	Grab
COD	Reported	N/A	34.1	34.1	#/day	0	N/A	34	34	mg/l	0	1/Month	Composite
00340	Permit Limitation	N/A	Monitor	Monitor			N/A	Monitor	Monitor			1/Month	Composite
тос	Reported	N/A	9.6	9.6	#/day	0	N/A	9.6	9.6	mg/l	0	1/Month	Composite
00680	Permit Limitation	N/A	Monitor	Monitor			N/A	Monitor	Monitor			1/Month	Composite
pН	Reported	N/A	N/A	N/A	N/A	0	7.4	N/A	7.8	s.u.	0	1/Week	Grab
00400	Permit Limitation	N/A	N/A	N/A			6.0	N/A	10.0			1/Week	Grab
Chloride	Reported	N/A	421.1	421.1	#/day	0	N/A	420	420	mg/l	0	1/Month	Composite
00940	Permit Limitation	N/A	Monitor	Monitor		100	N/A	Monitor	Monitor			1/Month	Composite
Name of	Principal Exec	utive Officer	l certify un	der nenalty of la	w that thi	is docume	ent and all attac	chments were prepar	red under my		<u>D</u>	Pate Completed	
	James G. Brad	lley	direction or	supervision in a	ccordance	with a sy	stem designed	to assure that qualif	ied personnel		<b>O</b> C1	1 6 2002	
	Title of Offic	er	persons w	ho manage the the the information	system, submitted	or those I is, to the	persons direct	ly responsible for gowledge and belief, t	gathering the rue, accurate,	Signat		rincipal Executive uthorized Agen	Officer or
I	President and C	.E.O.		ete. I am aware ne possibility of fin				for submitting false plations.	e information,	B	eul	E. h	-1

FACILITY NAME	Wheeling-Pittsburgh Steel Corporation	COMMERCIAL LABORATORY NAME	Pace Analytical Services, Inc.
LOCATION OF FACILITY	Beech Bottom, Brooke County, WV	COMMERCIAL LABORATORY ADDRESS	One Triangle Lane
PERMIT NUMBER	WV0004511 OUTLET NO. 004	_	Export, PA 15632
WASTELOAD FOR MONTH OF	September 2002	INDIVIDUAL PERFORMING ANALYSIS	Pace Personnel

			Qua	ntity				Other	Units			Measurement	
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	
Total Manganese	Reported	N/A	0.97	0.97	#/day	0	N/A	0.97	0.97	mg/l	0	1/Month	Composite
01055	Permit Limitation	N/A	Monitor	Monitor			N/A	2	4			1/Month	Composite
Total Zinc	Reported	N/A	0.31	0.31	#/day	0	N/A	310	310	μg/l	0	1/Month	Composite
01092	Permit Limitation	N/A	Monitor	Monitor	maay		N/A	500	1000	µg/i		1/Month	Composite
Total Nickel	Reported	N/A	N/A	N/A	#/day	0	N/A	N/A	N/A	ug/l	0	1/Quarter	Composite
01067	Permit Limitation	N/A	Monitor	Monitor	#rday	ala Si	N/A	Monitor	Monitor	μg/l		1/Quarter	Composite
Total Lead	Reported	N/A	N/A	N/A	#/day	0	N/A	N/A	N/A	μg/l	00	1/Quarter	Composite
01051	Permit Limitation	N/A	Monitor	Monitor	maay		N/A	Monitor	Monitor	μg/i		1/Quarter	Composite
Total Chromium	Reported	N/A	N/A	N/A	#/day	0	N/A	N/A	N/A	нg/i	0	1/Quarter	Composite
01032	Permit Limitation	N/A	Monitor	Monitor	miday		N/A	Monitor	Monitor	дул		1/Quarter	Composite
Total Copper	Reported	N/A	N/A	N/A	N/A	0	N/A	N/A	N/A	µg/I	0	1/Quarter	Composite
01042	Permit Limitation	N/A	Monitor	Monitor	INA		N/A	Monitor	Monitor	дди		1/Quarter	Composite
Name of	Principal Exec	utive Officer	l contife una	des sessits of les	4ba4 4b:		nt and all attac	hmonte unco propara	ad under mu		D	ate Completed	
	James G. Brad	ley	direction or	supervision in a	cordance	with a sy	stem designed	hments were prepar to assure that qualifi d on my inquiry of t	ed personnel		0	CT 1 6 2002	
	Title of Offic	er	information,	the information	submitted	is, to the	best of my kno	y responsible for gowledge and belief, to	ue, accurate,	Signat		incipal Executive thorized Agent	Officer or
I	President and C.	E.O.		te. I am aware e possibility of fin				for submitting false lations.	intormation,	K	·	P	•

**FACILITY NAME** Wheeling-Pittsburgh Steel Corporation **COMMERCIAL LABORATORY NAME** Pace Analytical Services, Inc. **LOCATION OF FACILITY** Beech Bottom, Brooke County, WV **COMMERCIAL LABORATORY ADDRESS** One Triangle Lane OUTLET NO. 004 PERMIT NUMBER WV0004511 Export, PA 15632 **WASTELOAD FOR MONTH OF** September 2002 **INDIVIDUAL PERFORMING ANALYSIS** Pace Personnel

			Qua	ntity				Other		Measurement	Sample		
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Type
Total Iron	Reported	N/A	0.91	0.91	#/day	0	N/A	0.91	0.91	mg/l	0	1/Month	Composite
01045	Permit Limitation	N/A	Monitor	Monitor	,,, day		N/A	Monitor	Monitor			1/Month	Composite
Sulfate	Reported	N/A	240.6	240.6	#/day	0	N/A	240	240	mg/l	0	1/Month	Composite
00945	Permit Limitation	N/A	Monitor	Monitor	,		N/A	Monitor	Monitor			1/Month	Composite
Total ~ Aluminum	Reported	N/A	<0.1	<0.1	#/day	0	N/A	<100	<100	μg/l	0	1/Month	Composite
01105	Permit Limitation	N/A	Monitor	Monitor	#/uay		N/A	Monitor	Monitor	μgn		1/Month	Composite
Hardness	Reported	N/A	N/A	N/A		0	N/A	N/A	320	mg/l	0	1/Year	Composite
00900	Permit Limitation	N/A	N/A	N/A			N/A	N/A	Monitor			1/Year	Composite
Acute Toxicity	Reported	N/A	N/A	N/A	4	0	N/A	N/A	N/A	TUa	0	1/Year	Composite
Daphnia 61425	Permit Limitation	N/A	N/A	N/A			N/A	N/A	2.5	100		1/Year	Composite
Acute Toxicity	Reported	N/A	N/A	N/A		0	N/A	N/A	N/A	TUa	0	1/Year	8 Hour Composite
Fathead 61427	Permit Limitation	N/A	N/A	N/A			N/A	N/A	2.5	Tua		1/Year	8 Hour Composite
Name of	Principal Exec	utive Officer								101-1	D	ate Completed	
	James G. Brad	ley	direction or	supervision in a	ccordance	with a sy	stem designed t	hments were prepare to assure that qualific t on my inquiry of th	ed personnel		001	1 6 2002	
	Title of Offic	er	persons wi information,	no manage the the the information	system, o submitted	or those is, to the	persons directly best of my kno	y responsible for g wledge and belief, tr	athering the ue, accurate,	Signati		incipal Executive thorized Agent	Officer or
F	President and C.	E.O.		te. I am aware e possibility of fin				for submitting false lations.	intormation,	R	1	0	٠ ,

FACILITY NAME
LOCATION OF FACILITY
PERMIT NUMBER
WASTELOAD FOR MONTH OF

Wheeling-Pittsburgh Steel Corporation

Beech Bottom, Brooke County, WV

WV0004511 OUTLET NO. 104

September 2002

COMMERCIAL LABORATORY NAME
COMMERCIAL LABORATORY ADDRESS

Pace Analytical Services, Inc.
One Triangle Lane

Export, PA 15632

INDIVIDUAL PERFORMING ANALYSIS

Pace Personnel

				ntity				Other	Measurement	Sample			
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Туре
Flow	Reported	N/A	N/A	N/A	N/A	0	N/A	0.03	0.03	MGD	0	2/Month	Estimate
50050	Permit Limitation	N/A	N/A	N/A			N/A	Monitor	0.22			2/Month	Estimate
Solids, Total	Reported	N/A	1.76	2.26	#/day	0	N/A	7	9	mg/l	0	2/Month	Composite
Suspended 00530	Permit Limitation	N/A	44.24	90.5	mraay		N/A	Monitor	Monitor	ling/i		2/Month	Composite
Oil & Grease	Reported	N/A	<1.25	<1.25	#/day	0	N/A	<5	<5	mg/l	0	2/Month	Grab
00556	Permit Limitation	N/A	26.52	44.24	mady .		N/A	Monitor	Monitor			2/Month	Grab
COD	Reported	N/A	60.2	60.2	#/day	0	N/A	240	240	mg/t	0	1/Month	Composite
00340	Permit Limitation	N/A	Monitor	Monitor	,,	Act, in	N/A	Monitor	Monitor			1/Month	Composite
TOC	Reported	N/A	12.784	12.784	#/day	0	N/A	51	51	mg/i	0	1/Month	Composite
00680	Permit Limitation	N/A	Monitor	Monitor	,		N/A	Monitor	Monitor			1/Month	Composite
рН	Reported	N/A	N/A	N/A	N/A	0	8.7	N/A	9.2	s.u.	0	2/Month	Grab
00400	Permit Limitation	N/A	N/A	N/A			6.0	N/A	10.0			2/Month	Grab
Sulfate	Reported	N/A	475	475	#/day	0	N/A	1900	1900	mg/l	0	1/Month	Composite
00945	Permit Limitation	N/A	Monitor	Monitor			N/A	Monitor	Monitor			1/Month	Composite
Name of	Name of Principal Executive Officer								D	ate Completed			
	James G. Bradley  I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or						ied personnel	OCT 1 6 2002					
	Title of Offic	er	persons wi	no manage the the information	system, o	or those is, to the	se persons directly responsible for gathering the the best of my knowledge and belief, true, accurate,					Officer or	
I	President and C	.E.O.		te. I am aware e possibility of fir				for submitting false plations.	intermation,	15	wl	E. In	in the

FACILITY NAME	Wheeling-Pittsburgh Steel Corporation	COMMERCIAL LABORATORY NAME	Pace Analytical Services, Inc.
LOCATION OF FACILITY	Beech Bottom, Brooke County, WV	COMMERCIAL LABORATORY ADDRESS	One Triangle Lane
PERMIT NUMBER	WV0004511 OUTLET NO. 104		Export, PA 15632
WASTELOAD FOR MONTH OF	September 2002	INDIVIDUAL PERFORMING ANALYSIS	Pace Personnel

		Quantity Other Units							Measurement	Sample			
Parameter		Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Minimum	Avg. Monthly	Max. Daily	Units	N.E.	Frequency	Type
Total Iron	Reported	N/A	0.071	0.088	N/A	0	N/A	0.235	0.350	mg/l	0	2/Month	Composite
01045	Permit Limitation	N/A	0.55	1.09	14//		N/A	Monitor	Monitor	,		2/Month	Composite
Total Zinc	Reported	N/A	0.092	0.118	#/day	0	N/A	365	470	μg/l	0	2/Month	Composite
01092	Permit Limitation	N/A	0.51	1.16	#/day		N/A	Monitor	Monitor	μ9/1		2/Month	Composite
Total Cyanide	Reported	N/A	<0.003	<0.003	#/day	0	N/A	<10	<10	μg/l	0	2/Month	Composite
00720	Permit Limitation	N/A	0.10	0.25	#/day		N/A	Monitor	Monitor	дул		2/Month	Composite
Total Chromium	Reported	N/A	<0.003	<0.003	#/day	0	N/A	<10	<10	μg/l	0	2/Month	Composite
01032	Permit Limitation	N/A	0.15	0.36	#/Uay		N/A	Monitor	Monitor	μg/i		2/Month	Composite
Total Copper	Reported	N/A	0.011	0.011	#/day	0	N/A	42	45	<u>н</u> д/I	0	2/Month	Composite
01042	Permit Limitation	N/A	0.32	0.59	#/uay		N/A	Monitor	Monitor	дди		2/Month	Composite
Hardness	Reported	N/A	N/A	N/A	N/A	0	N/A	N/A	N/A	mg/l	0	1/Quarter	Composite
00900	Permit Limitation	N/A	N/A	N/A			N/A	N/A	Monitor	19		1/Quarter	Composite
Name of Principal Executive Officer		L cortific up	I and the sender are the of law that this decreases and all attachments some proposed under my					ed under my	Date Completed				
James G. Bradley			direction or	rtify under penalty of law that this document and all attachments were prepared under my ction or supervision in accordance with a system designed to assure that qualified personnel perly gather and evaluate the information submitted. Based on my inquiry of the person or					ed personnel	OCT 1 6 2002			
Title of Officer			persons which information	ersons who manage the system, or those persons directly responsible for gathering the formation, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information,				gathering the rue, accurate,	Signature of Principal Executive Officer or Authorized Agent				
)	President and C	.E.O.		ete. I am aware e possibility of fir					intormation,	13	wl	E. fr	nuts

### STATE OF WEST VIRGINIA STREAM SAMPLING REPORT FORM

Company Name:	Wheeling-Pittsburgh St	eel Corporation					
Location:	Beech Bottom, WV	Permit Number:	WV0004511				
Type of Activity:	Landfill:	Spray	ay Irrigation:				
Other (Describe):	Storm Water Runoff	Stream Sampling S	tation No.:	22			
Type of Sampling:	Mine Run (downstream) at the confluence with the Ohio River						
Type of Sampling:	X Grab:	Composite:	Other (I	Describe):			
Date:	September 2002	Stream Flow:	720	GPD			

PARAMETER	CONCENTRATION	UNITS	
Oil and Grease	<5	Mg/l	
Chromium (Total)	<0.01	Mg/l	
Copper (Total)	0.012	Mg/l	
Iron (Total)	3.9	Mg/l	
Zinc (Total)	0.18	Mg/l	
pН	5.4	S.U.	

#### STATE OF WEST VIRGINIA STREAM SAMPLING REPORT FORM

Company Name:	Wheeling-Pittsburgh S	teel Corporation		
Location:	Beech Bottom, WV	Permit Number:	WV00045	11
Type of Activity:	Landfill:	Spray	Irrigation:	
Other (Describe):	Storm Water Runoff	Stream Sampling S	tation No.:	1
Type of Sampling:	Mine Run (upstream) a	djacent to Route 2		
Type of Sampling:	X Grab:	Composite:	Other	(Describe):
Date:	September 2002	Stream Flow:	2900	GPD

PARAMETER	CONCENTRATION	UNITS
Oil and Grease	<5	Mg/l
Chromium (Total)	<0.01	Mg/l
Copper (Total)	0.013	Mg/l
Iron (Total)	15	Mg/l
Zinc (Total)	0.068	Mg/l
pH	6.6	S.U.

#### DMR ATTACHMENT SEPTEMBER 2002

October 15, 2002

#### Beech Bottom Plant

There were no exceedances of the Daily Maximium limitations or Monthly Average limitations at the Beech Bottom Plant in <u>September</u> 2002.

# WHEELING-PITTSBURGH STEEL CORPORATION BEECH BOTTOM PLANT THIRD QUARTER 2002 SPECIAL SAMPLING DATA

SAMPLE POINT	SAMPLE DATE	PARAMETER	CONCENTRATION (mg/l)
INTAKE WATER WELL	09/11/02	COD TOC TOTAL SUSP. SOLIDS pH (S.U.) TOT. DISS. SOLIDS TOTAL IRON TOTAL MANGANESE CONDUCTIVITY (UMHO)	6.3 4.4 5 7.1 940 4.5 1.9 220
CONTACT COOLING WATER	09/11/02	COD TOC TOTAL SUSP. SOLIDS pH (S.U.)	390 97 <4 7.2